



U.S. Army Environmental Center

FINAL PHASE I SITE INSPECTION REPORT FOR SITES IDENTIFIED IN THE 1994 PRELIMINARY ASSESSMENT REPORT AND AREAS OF **CONCERN 3, 8, 9** FORT ALLEN JUANA DIAZ, PUERTO RICO

VOLUME II OF II APPENDICES A THROUGH K

CONTRACT DACA31-94-D-0061 **DELIVERY ORDER NO. 0010**

U.S. ARMY ENVIRONMENTAL CENTER ABERDEEN PROVING GROUND, MARYLAND

JANUARY 1997

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FINAL PHASE I SITE INSPECTION REPORT FOR SITES IDENTIFIED IN THE 1994 PRELIMINARY ASSESSMENT REPORT AND AREAS OF CONCERN 3, 8, 9 FORT ALLEN JUANA DIAZ, PUERTO RICO

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GEOPROBE DATA RECORDS

FIELD IN	VESTIGATION DATA RE	CORD GEO	PROBE S	OILWATE	R SYSTEM I	NFORMATION
Project Fort	MLEN PL					
Study Area	OM5-9					
Sample ID	Field Sample Number	Matrix	Date	Time	Depth	Collection Method
6-P-M9-01 (0-4)	-	□ Water △ Soil/Sed	11-15	1352	☐ Inches O-Y ☐ Feet	Soil Probe Surface Soil Bail for Water
Observations (Text OH, CLAY, high	ture, Color, Odor, Etc.) in plasticity, brown, i	no oder , moi	st			ollected for: tory Analysis Analysis
Sample ID	Field Sample Number	Matrix	Date	Time	Depth	Collection Method
GP-M9-01 (6-10)		☐ Water ☑ Soil/Sed	11-15	1406	□ Inches 6-10 ☑ Feet	 Ø Soil Probe O Surface Soil O Bail for Water
Observations (Text OH, CLAY, high Staining, m	ture, Color, Odor, Etc.) 1228 p plasticity, mottled 5 wheate petroleum dd	opm rounsgray! !ke color, mo	black wl ust	some	_	ollected for: tory Analysis Analysis
Sample ID	Field Sample Number	Matrix	Date	Time	Depth	Collection Method
6.p-M9-02 (0-4)		☐ Water ☑ Soil/Sed	j1-15	1437	,	Soil Probe O Surface Soil O Bail for Water
Observations (Text	ture, Color, Odor, Etc.) of medium grained, &	brown inc o	dor, mo	ist	•	ollected for: tory Analysis Analysis
Sample ID	Field Sample Number	Matrix	Date	Time	Depth	Collection Method
GP-M9-02 (6-10)		☐ Water ✓ Soil/Sed	11-15	1448	☐ Inches 6~10 ☐ Feet	Soil Probe O Surface Soil O Bail for Water
	ture, Color, Odor, Etc.)	d broun/gra	1		Sample Co	ollected for: tory Analysis

,	TAUEN PR					
Study Area	MJ = 7					
Sample ID .	Field Sample Number	Matrix	Date	Time	Depth	Collection Method
		☐ Water			☐ Inches	Soil Probe
69-M9-03 (0-4)		⊠ Soil/Sed	11-15	1523	0-4 Ø Feet	O Surface Soil O Bail for Water
Observations (Tex OH, CLAY, hy	ture, Color, Odor, Etc.) IL plasticity, Sown	foblick, no	do-,m	orst		ollected for: tory Analysis Analysis
Sample ID	Field Sample Number	Matrix	Date	Time	Depth	Collection Method
		☐ Water			☐ Inches	Soil Probe
GP-M9-03		-da	11-15	1534	6-10	O Surface Soil
(6-10)		Ø Soil/Sed			Ø Feet	O Bail for Water
Observations (Tex	ture, Color, Odor, Etc.) Lean to high plaste	L. motted	المعداة	arcual		ollected for:
CLICCHY ME	tiam to kightpinsi		7714	, ,		
	Green M	oder mo	rist	•	•	tory Analysis
	green, M	oder, mo	sist'	•	☐ Field A	
Sample ID	Græn, M	Matrix	Date	Time	•	•
Sample ID	green, m	oder, me	Date	Time	☐ Field A	Analysis
GP-M9-04	green, m	Matrix Water	ist	Time	Depth Inches	Collection Method Soil Probe O Surface Soil
	green, m	Matrix	Date	Time	Depth	Collection Method
(0-4)	Græn, M	Matrix Water Soil/Sed	Date	Time /550	Depth Inches O-4 IFeet Sample Co	Collection Method Soil Probe O Surface Soil O Bail for Water ollected for: tory Analysis
GP-M9-04 (0-4)	Field Sample Number	Matrix Water Soil/Sed	Date	Time /550	Depth Inches 9-4 Feet Sample Co	Collection Method Soil Probe O Surface Soil O Bail for Water Collected for: tory Analysis
GP-M9-04 (D-4) Observations (Tex ML, SILTY	Field Sample Number ture, Color, Odor, Ftc.) CAY, Slyht plastical	Matrix Water Soil/Sed	Date //-/5 no ado~	Time /SSO Time	Depth Inches O-4 Depth Sample Co Laborat	Collection Method Soil Probe O Surface Soil O Bail for Water ollected for: tory Analysis
GP-M9-04 (D-4) Observations (Tex ML, SILTY Sample ID	Field Sample Number ture, Color, Odor, Ftc.) CAY, Slyht plastical	Matrix Water Soil/Sed Matrix Water	Date //-/5 no ado~	1550	Depth Inches O-4 Depth Sample Co Laborat Field A Depth Depth Inches 6-10	Collection Method Soil Probe O Surface Soil O Bail for Water Collected for: tory Analysis analysis Collection Method
(D-4) Observations (Tex ML, SILTY Sample ID	Field Sample Number ture, Color, Odor, Ftc.) CAY, Slyht plastical	Matrix Water Soil/Sed	Date //-/5 no ado~	Time /SSO Time	Depth Inches O-4 Depth Sample Co Laborat Field A	Collection Method Soil Probe O Surface Soil O Bail for Water collected for: tory Analysis Analysis Collection Method O Soil Probe
GP-M9-04 (D-4) Observations (Tex ML, SILTY Sample ID S-P-M9-04 (6-16)	Field Sample Number ture, Color, Odor, Ftc.) CAY, Slyht plastical	Matrix Water Soil/Sed Matrix Water Water	Date - 5 Date - 5	Time /550 Time	Depth Inches O-4 Sample Co Laborat Field A Depth Inches 6-/0 Feet Sample Co	Collection Method Soil Probe O Surface Soil O Bail for Water collected for: tory Analysis Analysis Collection Method O Soil Probe O Surface Soil

FIELD IN	ESTIGATION DATA REC	CORD GEO	PROBES	DIL/WATE	RSYSTEMI	NFORMATION
•	ALLEN, PR					
Study Area	MS-9		· · · · · · · · · · · · · · · · · · ·			
Sample ID	Field Sample Number	Matrix	Date	Time	Depth	Collection Method
GP-M9-05 (0-4)		□ Water Soil/Sed	11-16	0936	□ Inches 0 – 4 ☑ Feet	Soil Probe O Surface Soil O Bail for Water
Observations (Text の計 CUAY い	ure, Color, Odor, Etc.) Wroots, high pla					ollected for: tory Analysis Analysis
Sample ID	Field Sample Number	Matrix	Date	Time	Depth	Collection Method
GP-M9-05 (6-10)		✓ Soil/Sed		0946	□ Inches 6~/O ☑ Feet	Soil Probe O Surface Soil O Bail for Water
Observations (Text	ure, Color, Odor, Etc.) , med um plasticu	lg, no odo boun	- mo	ıst,	Sample Co Labora Labora Field A	ollected for: tory Analysis Analysis
Sample ID	Field Sample Number	Matrix	Date	Time	Depth	Collection Method
		☐ Water☐ Soil/Sed			☐ Inches☐ Feet	O Soil ProbeO Surface SoilO Bail for Water
Observations (Text	ure, Color, Odor, Etc.)				•	ollected for: tory Analysis Analysis
Sample ID	Field Sample Number	Matrix	Date	Time	Depth	Collection Method
		☐ Water				
		□ Soil/Sed			☐ Inches☐ Feet	O Soil ProbeO Surface SoilO Bail for Water
Observations (Text	ure, Color, Odor, Etc.)				☐ Feet	O Surface Soil O Bail for Water ollected for: tory Analysis

Sample ID	Field Sample Number	Matrix	Date	Time	Depth	Collection Method	
GP-PC-03-0Y		☐ Water ☐ Soil/Sed	/1-/3	1040	☐ Inches	Soil ProbeSurface SoilBail for Water	
Observations (Tex iL ,CUAY u/grare)	ture, Color, Odor, Etc.) (, brown, moderate plas	ticity, moust	ricodo			ollected for: tory Analysis Analysis	
Sample ID	Field Sample Number	Matrix	Date	Time	Depth	Collection Method	
6p-pc-03-610		☐ Water ☐YSoil/Sed	/1-13	1052	☐ Inches	O Soil ProbeO Surface SoilO Bail for Water	
Observations (Tex OH, CLA4, highly	ture, Color, Odor, Etc.) Plasti, mnn sandl	(<1%); swur	i, no od	or, moist		ollected for: tory Analysis Analysis	
Sample ID	Field Sample Number	Matrix	Date	Time	Depth	Collection Method	
6-P-PC-04-04		☐ Water ☐ Soil/Sed	11-13	114	□ Inches ⊕-4 □'Feet	O Soil Probe O Surface Soil O Bail for Water	
Observations (Texture, Color, Odor, Etc.) ML, CLAV uf smc sand, srown to state, we oder, most						Sample Collected for: Laboratory Analysis Field Analysis	
	ture, Color, Odor, Etc.) Le sand, srown to slab lasticity, some rook		no117.		☐ Labora	tory Analysis	
			nout.	Time	☐ Labora	tory Analysis	
moderate p	lasticity, some rooks	r	•	Time ///9	Labora Field A	tory Analysis analysis	

^	DAT ALLEN . FR	_				
Study Area PE	STRIDE HELFICID	E				
Sample ID	Field Sample Number	Matrix	Date	Time	Depth	Collection Method
		☐ Water			☐ Inches	Soil Probe
GF-FH-C1-04		da	11-13	1417	24	O Surface Soil
		☑ Soil/Sed			∕ ∑ i Feet	O Bail for Water
Observations (Tex	ture, Color, Odor, Etc.)	0		,	Sample Co	ollected for:
AL, SANDI CLAI Graine Sa	Sinht plasticity, be	oun, we od	ر الما الما الما	medium		tory Analysis
9-2112 52					Field A	knaiysis
Sample ID	Field Sample Number	Matrix	Date	Time	Depth	Collection Method
		□ Water			☐ Inches	9 Soil Probe
6-P-PH-01-610			11-13	1426	6-10	O Surface Soil
04 111 01 610		☑ Soil/Sed			☑ Feet	O Bail for Water
Observations (Tex	ture, Color, Odor, Etc.)	use sand d	Jay , 500	·wrL		ollected for:
Observations (Tex OH, CLAI, high	ture, Color, Odor, Etc.) shify Plastic, Surne Coa	rse sand, d	Ing , bod	rurl		tory Analysis
Observations (Tex OH, CLAI, h;	ture, Color, Odor, Etc.) Siring Plastic, Surve Coa	Matrix	Date	Time	Labora	tory Analysis
OH, CLAY, his	shily Plastic, Surne Coa		Date	Time	Labora Depth	tory Analysis Analysis
OH, CLAI, h	shily Plastic, Surne Coa	Matrix Water			Depth Inches	Collection Method Soil Probe O Surface Soil
OH, CLAY, hig	shily Plastic, Surne Coa	Matrix	Date	Time	Labora Field A Depth Inches	Collection Method
Sample ID	Field Sample Number	Matrix ☐ Water ☐ Soil/Sed	Date	Time (507	Depth Inches O-Y Feet	Collection Method Soil Probe O Surface Soil O Bail for Water
Sample ID GP-PH-CZ-OY Observations (Tex	Field Sample Number ture, Color, Odor, Etc.) CLAY, medium to (00)	Matrix Water Soil/Sed	Date	Time (507	Depth Depth Inches O-Y X Feet Sample Co	Collection Method Soil Probe O Surface Soil O Bail for Water collected for: tory Analysis
Sample ID GP-PH-CZ-OY Observations (Tex	Field Sample Number	Matrix Water Soil/Sed	Date	Time (507	Depth Inches O-Y Feet	Collection Method Soil Probe O Surface Soil O Bail for Water collected for: tory Analysis
Sample ID GP-PH-CZ-OY Observations (Tex	Field Sample Number ture, Color, Odor, Etc.) CLAY, medium to (00)	Matrix Water Soil/Sed	Date	Time (507	Depth Depth Inches O-Y X Feet Sample Co	Collection Method Soil Probe O Surface Soil O Bail for Water collected for: tory Analysis
Sample ID GF-PH-CZ-OY Observations (Tex ML, SAMOY Slight plass	Field Sample Number ture, Color, Odor, Etc.) CLAY, nedium to (00)	Matrix Water Soil/Sed	Date -13	Time Sall	Depth Depth Dinches O-Y AFeet Sample Co Labora Di Field A	Collection Method Soil Probe O Surface Soil O Bail for Water collected for: tory Analysis
Sample ID GF-PH-CZ-OY Observations (Tex ML, SAMOY Slight plass	Field Sample Number ture, Color, Odor, Etc.) CLAY, neclinate (odor, day, ow other	Matrix Soil/Sed Selection Matrix Water	Date	1507 6 2 5 m	Depth Depth Dinches O Y Field A Sample Co Labora Field A Depth Depth Depth Depth Co Labora Co	Collection Method Soil Probe O Surface Soil O Bail for Water collected for: tory Analysis Analysis Collection Method Soil Probe O Surface Soil
Sample ID OF-PH-02-04 Observations (Tex ML, SAMOY Sight plast	Field Sample Number ture, Color, Odor, Etc.) CLAY, neclinate (odor, day, ow other	Matrix Water Soil/Sed	Date -13	Time Sall	Depth Depth Dinches O-Y AFeet Sample Co Labora Field A Depth Depth Depth Depth	Collection Method Soil Probe O Surface Soil O Bail for Water collected for: tory Analysis Analysis Collection Method
Sample ID GP-PH-OZ-GY Observations (Tex NL, SANGY Sight plast Sample ID (P-PH-OZ-GA	Field Sample Number ture, Color, Odor, Etc.) CLAY, necknan to Colorectly, day, wwo other	Matrix Water Soil/Sed Matrix Water Soil/Sed	Date Sund; Date	Time 1517 by som, Time	Depth Depth Inches O- Y Feet Sample Co Labora Field A Depth Depth Depth Sample Co	Collection Method O Soil Probe O Bail for Water collected for: tory Analysis Analysis Collection Method O Soil Probe O Surface Soil O Bail for Water
Sample ID OF-PH-OZ-CY Observations (Tex ML, SANDY Slight plast Sample ID Observations (Tex	Field Sample Number ture, Color, Odor, Etc.) CLAY, neclinate (odor, day, ow other	Matrix Water Soil/Sed Matrix Water Soil/Sed	Date Sund; Date Sand; Sand;	Time 1507 b sem, Time	Depth Depth Inches O- Y Feet Sample Co Labora Field A Depth Depth Depth Sample Co	Collection Method Soil Probe O Surface Soil O Bail for Water Collection Method O Soil Probe O Surface Soil O Bail for Water Collection Method O Soil Probe O Surface Soil O Bail for Water Collected for:

Project	ESTATE TOTAL					
Sample ID	Field Sample Number	Matrix	Date	Time	Depth	Collection Method
6P-PH-03-0	4	☐ Water	11-13	1537	□ Inches 0-4	
· .		Soil/Sed			☑ Feet	O Bail for Water
Observations (Te でし, CLAY ム	exture, Color, Odor, Etc.) of grand, mediumph	isticity, bro	un, dy	y, no od	Sample C Labora	
Sample ID	Field Sample Number	Matrix	Date	Time	Depth	Collection Method
,		☐ Water	11-13	1548	☐ Inches	9 Soil Probe O Surface Soil
6P-PH-03-61	ا ۱			,,,,		
Observations (Te	exture, Color, Odor, Etc.) Sand (med grained)	, medium p	Jasticit.	z, brown	☐ Labora	O Bail for Water ollected for: tory Analysis
Observations (Te	exture, Color, Odor, Etc.) Sand (med grained))ast-cit	z, brown	Sample C	ollected for: tory Analysis
Observations (Te (i,CiA4, w, moist; n	exture, Color, Odor, Etc.) Sand (med grained)	, medium p Matrix)ashci∳ Date	Time	Sample College Labora College Labora Field A	ollected for: tory Analysis Analysis Collection Method
Observations (Te (i,CiA4, w, moist; n	exture, Color, Odor, Etc.) / Sand (med grained) codor	, medium p			Sample Co	ollected for: tory Analysis Analysis Collection Method O Soil Probe
Observations (Te (i,CiA4, w, moist; n	exture, Color, Odor, Etc.) / Sand (med grained) codor	, medium p Matrix			Sample College Labora College Labora Field A	ollected for: tory Analysis Analysis Collection Method
Observations (Te (i,CiA4, w, moist; n Sample ID	exture, Color, Odor, Etc.) / Sand (med grained) codor	, medium p Matrix □ Water			Sample College	ollected for: tory Analysis Analysis Collection Method O Soil Probe O Surface Soil O Bail for Water ollected for: tory Analysis
Observations (Te (i,CiA4, w, moist; n	exture, Color, Odor, Etc.) Sand (med grained) Color Field Sample Number	, medium p Matrix □ Water			Sample Control Labora Depth Inches Sample Control Sample Control Labora	ollected for: tory Analysis Analysis Collection Method O Soil Probe O Surface Soil O Bail for Water ollected for: tory Analysis
Observations (Te	exture, Color, Odor, Etc.) I sand (med grained) Codor Field Sample Number exture, Color, Odor, Etc.)	Matrix Water	Date	Time	Sample College Labora Depth Depth Inches Sample College Labora Field A	ollected for: tory Analysis Analysis Collection Method O Soil Probe O Surface Soil O Bail for Water ollected for: tory Analysis Analysis
Observations (Te	exture, Color, Odor, Etc.) I sand (med grained) Codor Field Sample Number exture, Color, Odor, Etc.)	Matrix Soil/Sed	Date	Time	Sample Control Labora Depth Depth Inches Sample Control Labora Field A	collected for: tory Analysis Analysis Collection Method O Soil Probe O Surface Soil O Bail for Water collected for: tory Analysis Analysis Collection Method
Observations (Te	exture, Color, Odor, Etc.) I sand (med grained) Codor Field Sample Number exture, Color, Odor, Etc.)	Matrix Soil/Sed Matrix Water	Date	Time	Sample College Labora Depth Depth Sample College Labora Field A Depth Depth Field A Depth Depth Sample College A Depth Sample College A Depth Sample College A Depth Sample College A Depth	collected for: tory Analysis Analysis Collection Method O Soil Probe O Surface Soil O Bail for Water collected for: tory Analysis Analysis Collection Method O Soil Probe O Surface Soil

FIELD IN	VESTIGATION DATA RE	CORD GEO	PROBE S	OIL/WATE	R SYSTEM	NFORMATION
Project FOR	T ALLEN, PR					
Study Area W	ASTEWATER TREA	TMENT PLA	WT			
Sample ID	Field Sample Number	Matrix	Date	Time	Depth	Collection Method
	-	☐ Water			☐ Inches	
6P-WW-01 (0-4)		☑ Soil/Sed	11-16	1019	0-4 Ø Feet	O Surface Soil O Bail for Water
Observations (Tex	ture. Color. Odor. Etc.) 19hplestocky, brown	n, no odor	, mois	<i>+</i>	_	ollected for: ttory Analysis Analysis
Sample ID	Field Sample Number	Matrix	Date	Time	Depth	Collection Method
		☐ Water			☐ Inches	✓ Soil Probe
GRWW-01			11-16	1027	6-10	o Surface Soil
(6-10)		☑ Soil/Sed			∠ Feet	O Bail for Water
Observations (Text ML, Clayey S	ture, Color, Odor, Etc.) ILT, Slaght plastical	Ibrown, no	dor, do	8		ollected for: tory Analysis Analysis
Sample ID	Field Sample Number	Matrix	Date	Time	Depth	Collection Method
		☐ Water		(5)	☐ Inches	
GP-WW-OZ		d 0-140-4	11-16	1050	0-4	O Surface Soil
(0-4)		☑ Soil/Sed			⊅ Feet	O Bail for Water
Observations (Text	ture, Color, Odor, Etc.) LAY, Slig bt plasticit	y brown,	no odo	-, drg		ollected for: tory Analysis Analysis
Sample ID	Field Sample Number	Matrix	Date	Time	Depth	Collection Method
		☐ Water			☐ Inches	Soil Probe
6-10)		Soil/Sed	11-16	(058	6-10 Ø Feet	O Surface Soil O Bail for Water
Observations (Text	ure, Color, Odor, Etc.) LAY, SI gift plústic	16,5-own,	no edn	mois	Sample Co Laborat	ollected for: tory Analysis analysis

FIELD INV	ESTIGATION DATA RE	CORD GEOR	PROBE S	OILWATE	R SYSTEM I	NFORMATION			
Project	ORT ALLEN, PR								
Study Area	VASTE WATER TO	REATMENT	PLAN	7					
Sample ID	Field Sample Number	Matrix	Date	Time	Depth	Collection Method			
01-ww-04 (0-4)		□ Water ✓ Soil/Sed	11-16	1342	☐ Inches 0~4 Æ Feet	Soil Probe O Surface Soil O Bail for Water			
Observations (Texture, Color, Odor, Etc.) CL, SiLTY CLAY, medium plasticity, brown, no oder, most Laboratory Analysis Field Analysis									
Sample ID	Field Sample Number	Matrix	Date	Time	Depth	Collection Method			
6P-WW-04 (6-10)		☐ Water ☑ Soil/Sed	11-16	1350	□ Inches 6 √0 ₺ Feet				
Observations (Text	ure, Color, Odor, Etc.) EY SILT, Juffle plas-	hirty Loo	ina no	oder, moust		ollected for: tory Analysis Analysis			
Sample ID	Field Sample Number	Matrix	Date	Time	Depth	Collection Method			
6p-ww-03 (0-4)		☐ Water ☑ Soil/Sed	11-17	0847	ı	Soil Probe O Surface Soil O Bail for Water			
Observations (Text	ure, Color, Odor, Etc.) (medium plastic il	lz beim, w	soder,	moist		ollected for: tory Analysis Analysis			
Sample ID	Field Sample Number	Matrix	Date	Time	Depth	Collection Method			
6p-ww-03 (6-10)	_	☐ Water ☑ Soil/Sed	//-/7	0854	☐ Inches 6~10 ☐ Feet	ø Soil Probe O Surface Soil O Bail for Water			
Observations (Text ML SLTY	ure, Color, Odor, Etc.) CLAY, Slig ht plas-	heids, Siou	n, no	oder, dry		ollected for: tory Analysis Analysis			

Sample ID	Field Sample Number	Matrix	Date	Time	Depth	Collection Method
UP-WW-06 (0-4)		☐ Water ☐ Soil/Sed	11-16	1136	☐ Inches 0-4 ☑ Feet	Soil Probe O Surface Soil O Bail for Water
Observations 7	ture, Color, Odor, Etc.) If who racis, medium	plasticity,	town,	no oder,		ollected for: tory Analysis Analysis
Sample ID	Field Sample Number	Matrix	Date	Time	Depth	Collection Method
6-10)		☐ Water ☐ Soil/Sed	11-16	1143	□ Inches 6 18 □ Feet	Soil Probe Surface Soil Bail for Water
Observations (Tex	LT+ CLAY Slight 4	redumply no odor,	asticit, mõist	boun/		ollected for: tory Analysis Analysis
Sample ID	Field Sample Number	Matrix	Date	Time	Depth	Collection Method
		☐ Water			☐ Inches	Soil Probe
6P-WW-05 (0-4)		Soil/Sed	11-16	/311	0-4 Di Feet	O Surface Soil O Bail for Water
(0-4) Observations (Tex	ture, Color, Odor, Etc.) CLAY, little to no platte	Ø Soil/Sed			0-4 Sample Co	O Surface Soil O Bail for Water Dilected for: tory Analysis
(0-4) Observations (Tex	ture, Color, Odor, Etc.) CLAY, (Iffly to no plath	Ø Soil/Sed			O-4 Ø Feet Sample Co □ Labora	O Surface Soil O Bail for Water Dilected for: tory Analysis
(0-4) Observations (Tex	CLAY, little to me plant	Soil/Sed	water,	dry	O-4 Ø Feet Sample Co □ Labora □ Field A	O Surface Soil O Bail for Water Dilected for: tory Analysis

FIELD IN	ESTIGATION DATA RE	CORD GEO	PROBE S	OILWATE	R SYSTEM I	NFORMATION
Project _FTA	LLEN					
Study Area	4oc 3			T		
Sample ID	Field Sample Number	Matrix	Date	Time	Depth	Collection Method
6P-03-01 (0-4)		☐ Water ☑ Soil/Sed	11-14	1352	□ Inches 0~4 ☑ Feet	
Observations (Text	ure, Color, Odor, Etc.) At inchum plastic	city alrests	brong, dry	n,no		ollected for: tory Analysis Analysis
Sample ID	Field Sample Number	Matrix	Date	Time	Depth	Collection Method
OP-03-01 (6-10)		□ Water Ø Soil/Sed	16-14	jyob	☐ Inches	Soil Probe O Surface Soil O Bail for Water
Observations (Text	ure, Color, Odor, Etc.) SILT, SLIGHT Plashi	ity, brown,	, no odor	-,drg		ollected for: tory Analysis Analysis
Sample ID	Field Sample Number	Matrix	Date	Time	Depth	Collection Method
6P-03-0Z (0-4)		□ Water ✓ Soil/Sed	11~14	1431	□ Inches 0~ 4 ☑ Feet	Soil Probe Surface Soil Bail for Water
Observations (Text	ure, Color, Odor, Etc.) 14 , medium plastic	ly, brown,	no oder	, dry	•	ollected for: tory Analysis Analysis
Sample ID	Field Sample Number	Matrix	Date	Time	Depth	Collection Method
6-10)		☐ Water ☐ Soil/Sed	(1-14	(438	☐ Inches	Soil ProbeSurface SoilBail for Water
Observations (Text	ure, Color, Odor, Etc.) ILT (1446 fo no pla	sticity, br	oum, n	o odor,	Sample Co Labora Field A	ollected for: tory Analysis Analysis

	ADC 3					
Sample ID	Field Sample Number	Matrix	Date	Time	Depth	Collection Method
(P-03-03 (O-4)		☐ Water ☑ Soil/Sed	11/14	1512	☐ Inches ○ - ↓ Æ Feet	Soil Probe O Surface Soil O Bail for Water
Observations (Tex CL , SILT) CU	dry, me odor	lg,brown,Sr	ne gra	nel (<5%)	Sample Co Labora Field A	ollected for: tory Analysis Analysis
Sample ID	Field Sample Number	Matrix	Date	Time	Depth	Collection Method
6-10)		☐ Water ☑ Soil/Sed	ec[14	1521	☐ Inches 6~10 ☑ Feet	
Observations (Tex ML (CLAYEY	riture, Color, Odor, Etc.) SILT, 100 - Jo little pl	instition, br	own, m	oder, dry		ollected for: tory Analysis Analysis
Sample ID	Field Sample Number	Matrix	Date	Time	Depth	Collection Method
ap-03-04 (0-4)		☐ Water ☐ Soil/Sed	1//4	1556	☐ Inches ② 4 ☐ Feet	Soil Probe O Surface Soil O Bail for Water
Observations (Tex	nture, Color, Odor, Etc.) 100 ts, mcdium plastic	ty, brown	, no od	r, mois	Sample Co Labora Field A	
		Matrix	Date	Time	Depth	Collection Method
Sample ID	Field Sample Number	INGUIA			☐ Inches	9 Soil Probe
Sample ID (A-03-04 (6-10)	Field Sample Number	☐ Water ☐ Soil/Sed	11/14	1605	6-10 9/Feet	O Surface Soil O Bail for Water

FIELD IN	ESTIGATION DATA RE	CORD GEO	PROBE S	OIL/WATE	R SYSTEM I	NFORMATION
Project FORT	ALLEN, PR					
Study Area	C 3					
Sample ID	Field Sample Number	Matrix	Date	Time	Depth	Collection Method
GP-03-05 (6-10)	-	□ Water □ Soil/Sed	11-15	0808	☐ Inches	が Soil Probe O Surface Soil O Bail for Water
Observations (Text ML, CLAYEY S	ure, Color, Odor, Etc.) ILT, littletono plasf	icity is rour	o, no odo	r, dig		ollected for: atory Analysis Analysis
Sample ID	Field Sample Number	Matrix	Date	Time	Depth	Collection Method
wp-03-06 (6-10)		☐ Water ☑ Soil/Sed	11-15	0848	☐ Inches 6-10 ☑ Feet	Soil Probe O Surface Soil O Bail for Water
Observations (Text	ure, Color, Odor, Etc.) CLAY, Medium plas	ticity, brow	n,no e	dor, dry	Sample Collected for: Laboratory Analysis Field Analysis	
Sample ID	Field Sample Number	Matrix	Date	Time	Depth	Collection Method
6P-03-07 (6-10)		☐ Water ☑ Soil/Sed	11-15	0937	☐ Inches 6-70 ☑ Feet	Soil Probe O Surface Soil O Bail for Water
Observations (Text ML; CLAYEY 5	ture, Color, Odor, Etc.) SICT (low plasticity, no odor, dry	y, very har	-d, brow	into		ollected for: atory Analysis Analysis
Sample ID	Field Sample Number	Matrix	Date	Time	Depth	Collection Method
6-10)		□ Water ☑ Soil/Sed	(/-15	1036	☐ Inches 6~10 ☐ Feet	Soil Probe O Surface Soil O Bail for Water
Observations (Text	ture, Color, Odor, Etc.) ILT uf some coarse voun, no odn, dry	sand, had	1, Hz +	to no		ollected for: atory Analysis Analysis

Soil Probe O Surface Soil O Bail for Water Collected for: atory Analysis Analysis Collection Method Soil Probe O Surface Soil O Bail for Water Collected for: atory Analysis
O Bail for Water Collected for: atory Analysis Analysis Collection Method Soil Probe O Surface Soil O Bail for Water Collected for:
Collected for: atory Analysis Analysis Collection Method Soil Probe O Surface Soil O Bail for Water Collected for:
Collection Method Soil Probe O Surface Soil O Bail for Water Collected for:
Collection Method Soil Probe O Surface Soil O Bail for Water Collected for:
Collection Method Soil Probe O Surface Soil O Bail for Water Collected for:
Soil Probe O Surface Soil O Bail for Water Collected for:
O Surface Soil O Bail for Water Collected for:
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Collected for:
atory Analysis
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Collection Method
O Soil Probe
O Surface Soil
O Bail for Water
Collected for:
atory Analysis
Analysis
Collection Method
O Soil Probe
O Surface Soil O Bail for Water
Collected for: atory Analysis
Analysis

Sample ID	Field Sample Number	Matrix	Date	Time	Depth	Collection Method
(0-9)		☐ Water 名 Soil/Sed	11-16	OEOS	☐ Inches 0 ~ Y ☐ Feet	Soil Probe O Surface Soil O Bail for Water
Observations (Text OH, SANDY (LAY, high plasticity	, medium si codor, mo		, מינו		ollected for: tory Analysis Analysis
Sample ID	Field Sample Number	Matrix	Date	Time	Depth	Collection Method
ap-08-01 (6-10)		☐ Water ☑ Soil/Sed	11-16	0813		Soil Probe O Surface Soil O Bail for Water
Observations (Text	ure, Color, Odor, Etc.)	1 1	2.001	h	Sample Co	ollected for:
ML, SILTY C	ure, Color, Odor, Etc.) CAY , Sight plastic		oder	m list	Labora	tory Analysis Analysis
ML,SILTY C	Field Sample Number	Matrix	Odr	m list	·	•
ML,SILTY C	LAY , Siight plastic		Date		☐ Field A	Analysis
ML, SiLT; C Sample ID ωρ-08-02 (0-4)	Field Sample Number	Matrix ☐ Water ☐/Soil/Sed	Date	7ime 0842	Depth Inches O-Y Feet	Collection Method Soil Probe O Surface Soil O Bail for Water ollected for: tory Analysis
ML, SILT; C Sample ID OP-08-02 (0-4)	Field Sample Number	Matrix ☐ Water ☐/Soil/Sed	Date	7ime 0842	Depth Depth Inches O-4 Feet Sample Co	Collection Method Soil Probe O Surface Soil O Bail for Water ollected for: tory Analysis
Sample ID OF-08-02 (0-4) Observations (Text CL, GRAVELY C	Field Sample Number ure, Color, Odor, Etc.) LAY, brown, medical	Matrix Water Soil/Sed Matrix	Date (1-16	Time 0842 - moist	Depth Inches O-Y AFeet Sample Co	Collection Method Soil Probe O Surface Soil O Bail for Water collected for: tory Analysis

Study AreaA	T ALLEW FR					
Sample ID	Field Sample Number	Matrix	Date	Time	Depth	Collection Method
6F-09-01-CY		☐ Water ☐ Soil/Sed	,:-13	1319	☐ Inches ○~ ৺ ☐ Feet	Soil Probe Surface Soil Bail for Water
Observations (Tex ML, CLAY, w/ Lict at G",	ture, Color, Odor, Etc.) Sand & giard (med. mode atch; plast	sand), brou cc	n, m oi	dos,		ollected for: tory Analysis Analysis
Sample ID	Field Sample Number	Matrix	Date	Time	Depth	Collection Method
68-09-01-610		☐ Water ☐ Soil/Sed	1-/3	(327	☐ Inches	O Soil Probe O Surface Soil O Bail for Water
Observations (Tex 04 CLAY, he 620um, Sa	ightly plastic, som	u caarse a	ngulan s	and		ollected for: tory Analysis analysis
Sample ID	Field Sample Number	Matrix	Date	Time	Depth	Collection Method
WP 09-02-04		☐ Water ☐ Soil/Sed	11-13	1375	☐ Inches ▷ - ৺ ☐ Feet	O Soil Probe O Surface Soil O Bail for Water
Observations (Tex	ture, Color, Odor, Etc.) vo; CCA4 modium lastrity musict		graind	, 6 - c - n,	Sample Co Laborat	
	lasticity, by it					
	Field Sample Number	Matrix	Date	Time	Depth	Collection Method
medwin p	Field Sample Number		Date	Time	<u>·</u>	Collection Method Soil Probe Surface Soil Bail for Water

FIELD IN	VESTIGATION DATA RE	CORD GEO	PROBE S	OIL/WATE	R SYSTEM	INFORMATION
Project FT A	-					
Study Area/	4009					
Sample ID	Field Sample Number	Matrix	Date	Time	Depth	Collection Method
GP-09-03 (0-4)		☐ Water ☑ Soil/Sed	11-14	4++ 0755	☐ Inches O~ 4 ☐ Feet	 ✓ Soil ProbeO Surface SoilO Bail for Water
Observations (Text CL, CLAY w) +60	ure, Color, Odor, Etc.)	, Scoure, meist	,noods-	-		ollected for: atory Analysis Analysis
Sample ID	Field Sample Number	Matrix	Date	Time	Depth	Collection Method
G-10)		□ Water ✓ Soil/Sed	11-14	0806	☐ Inches G -/0 ☐ Feet	Soil Probe Surface Soil Bail for Water
Observations (Text	ure, Color, Odor, Etc.) h plastiaty, b-own,	no odor , dry	ð			ollected for: tory Analysis Analysis
Sample ID	Field Sample Number	Matrix	Date	Time	Depth	Collection Method
GP-09-04 (0-4)		☐ Water ☑ Soil/Sed	11-14	08ZS	☐ inches 0~ 4 Æ Feet	 Ø Soil Probe O Surface Soil O Bail for Water ✓
Observations (Text	ure, Color, Odor, Etc.) s , medium plasticity,	brown, no c	oder , d	y		ollected for: tory Analysis Analysis
Sample ID	Field Sample Number	Matrix	Date	Time	Depth	Collection Method
6-10)		☐ Water ☑ Soil/Sed	11-14	0832	☐ Inches	Ø Soil Probe O Surface Soil O Bail for Water
Observations (Texto GP-G-64 G-10	ure, Color, Odor, Etc.) , CLAY, Wroots, med	um plasticts	y Srown	, moder, J	Sample Co Labora Field A	ollected for: tory Analysis Analysis

FIELD INV	ESTIGATION DATA RE	CORD GEOF	PROBE S	DILWATER	RSYSTEMI	NFORMATION
Project FORT	ALLEN PR					
Study AreaA	009					
Sample ID	Field Sample Number	Matrix	Date	Time	Depth	Collection Method
60-09-06		☐ Water ☐ Soil/Sed	11-14	1038	☐ inches O- Y ☐ Feet	Soil Probe O Surface Soil O Bail for Water
Observations (Text CL,CLAY win	rure, Color, Odor, Etc.) Oots , medium Plaste	its, brown	to black	c, moist,	Sample Confidence Conf	ollected for: tory Analysis Analysis
Sample ID	Field Sample Number	Matrix	Date	Time	Depth	Collection Method
CP-09-06 (6-10)		☐ Water Ø Soil/Sed	11-14	1045	☐ Inches	O Soil Probe O Surface Soil O Bail for Water
Observations (Text ML, Clayey St	ture, Color, Odor, Etc.) It, Slight plasticity, S	ome gravel, b	rours, p	ooder, dry		ollected for: tory Analysis Analysis
Sample ID	Field Sample Number	Matrix	Date	Time	Depth	Collection Method
60-09-0750 (0-4)		□ Water ✓ Soil/Sed	11-14	דוון	☐ Inches O~V Ø Feet	
Observations (Text	ture, Color, Odor, Etc.) is plashicly, brown to be	act w/oods,	moist	, no odor	Sample C Labora Field	ollected for: tory Analysis Analysis
Sample ID	Field Sample Number	Matrix	Date	Time	Depth	Collection Method
6P-09-07 (6-10)		☐ Water ☑ Soil/Sed	11-14	//27	☐ Inches 6-10 ☐ Feet	Soil Probe O Surface Soil O Bail for Water
Observations (Text		w plastici	G, wa	m,		ollected for: atory Analysis Analysis

FIELD IN	VESTIGATION DATA RE	CORD GEO	PROBE S	OIL/WATE	R SYSTEM I	NFORMATION
ProjectFORT	TALLEW PR					
Study Area A	oc 9					
Sample ID	Field Sample Number	Matrix	Date	Time	Depth	Collection Method
6P-09-08 (0-4)	-	☐ Water ☑ Soil/Sed	11-14	<i>0</i> 909	□ Inches	Soil Probe O Surface Soil O Bail for Water
Observations (Tex ML, Grandy C	ture, Color, Odor, Etc.) lay, grarel 2 mm, 5 m	um ,no oder	dy, s	lighty.	Sample C Labora Field	ollected for: atory Analysis Analysis
Sample ID	Field Sample Number	Matrix	Date	Time	Depth	Collection Method
6-P-09-08 (6-10)		☐ Water ☑ Soil/Sed	11-14	09,7	☐ Inches	Soil Probe O Surface Soil O Bail for Water
Observations (Text	ure, color, odor, Etc.) SAND, medium giai	ned moders dry	ati sort	ing, mood	Labora Field	ollected for: tory Analysis Analysis
Sample ID	Field Sample Number	Matrix	Date	Time	Depth	Collection Method
6P-09-05 (0-4)		□ Water ✓ Soil/Sed	11-14	0942	☐ Inches 0~4 ☐ Feet	Soil Probe O Surface Soil O Bail for Water
Observations (Text	ure, Color, Odor, Etc.) cots, med cum plistice	hy, brown, n	s oder,	moist		ollected for: tory Analysis Analysis
Sample ID	Field Sample Number	Matrix	Date	Time	Depth	. Collection Method
6-1-09-05 (6-10)		□ Water Soil/Sed	11-14	0950	☐ Inches 6-10 ☑ Feet	O Soil Probe O Surface Soil O Bail for Water
Observations (Text	ure, Color, Odor, Etc.) LAT, and rum plasticit	y brown no	odr, d	y	/	ollected for: tory Analysis Analysis

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SOIL BORING LOGS

ABB Environmental Services, Inc.

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SOIL BORING LOG	Translation and an area on the second of the	Study Area: Pesticida / Hubicide
Client: AEC	Project No. 9890 ≈3	Protection: D
Contractor: SOIL TECH	Date Started: 11-19-96	Completed: //-/9-96
Method: HSA	Casing Size: NA	PI Meter: 78 500B
Ground Elev.: NA	Soil Drilled: 10	Total Depth: /2
Logged by: S. Donclick	Checked by:	✓ Below Ground: NA
Screen: NA (ft.) Riser:	VA (ft.) Diam: VA (ID) Material: NA	Page / of: /
MBER PTH VING	SOIL/ROCK/DISCHARGE WATER DESCRIPTION	SOIL CLASS SOIL CLASS WELL DATA
2 - 0 - 2 - 4 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	- 9 ASHALT + GRAVEL FILL CLAY, highparticity, busine Glack, wooder, moist	40 OH 46 9 12
12 — Ph. 8	SILTY CLAY, medium plostice brown, us odor, mois	t. CC 3 11 M/G
9610016D L4		ABB Environmental Services, Inc.

SOIL BORING LOG	get manager, get get the second of the secon	Study Area: AOC 9
Client: Army Environmen		Boring No.: 53-09-01
Contractor: Soil Tech	Date Started: //-/8-96	Protection: Mod. Level D
Method: H&A	Casing Size: NA	Completed: //~/8-96 PI Meter: 7E 580 B
Ground Elev.: MA	Soil Drilled: j D '	PI Meter: TE 580B Total Depth: /z'
Logged by: 5. De NEUCK		☑ Below Ground: N4
	/A (ft.) Diam: NA (ID) Material: NA	
Corocii. Not (iii) Tilocii. N	(it.) Siem (ib) Material. Mit	Page / of: /
SAMPLE NUMBER SAMPLE DEPTH CLP/SCREENING	SOIL/ROCK/DISCHARGE WATER DESCRIPTION	SOIL CLASS
4—	CLAY, high platicity, brown, most, some gravel 1.7 9 CLAY, high platicity, brown, No odor, moist	18
8	1.5 & SILTY CLAY, medium plastic, brown, no oda, dry	

SOIL BORING Client: AEC Contractor: SOIL T Method: HSA Ground Elev.: NA	ECH Date St Casing	Project No. 4890 -03 arted: 11-18-96 Size: NA	Study Area: AOC 9 Boring No.: 58-09-02 Protection: Leve 1 D Mod. Completed: 11-18-96 PI Meter: 7E 580 B Total Depth: 12
Logged by: 5. Dave			▼ Below Ground: №A
Screen: NA (ft.)	Riser: NA (ft.)	Diam: NA (ID) Material: NA	Page / of: /
DEPTH (FT) SAMPLE NUMBER SAMPLE NUMBER	CLP/SCREENING RECOVERY PID (ppm)	SOIL/ROCK/DISCHARGE WATER DESCRIPTION	SOIL CLASS WELL DATA
2	7 9% \$	04, CLAY u/gravel brown high plasticity, no oder, moist	OH 5 15 20
8 -	7 80% (4	CLAT u/ some sittandsand, medium plasticity, brain no odor, deg	CL 7 15 16 21
10 - 10-1	2 SOB #	MAYEY SILT, little to no plasticity, brown, no odon, dry.	ML 12 40 56
		·	
·			

OIL BORING LO	$\mathbf{G} = \{(x,y) \in \mathbb{R}^{n} \mid (x,y) \in \mathbb{R}^{n} is the partial of the constraint of the property of the prope$	Study Area: A0C9 Boring No.: 58-09-03
nt: AEC	Project No. 9890-03	Protection: D
tractor: Soil Tech	Date Started: //~/8-96	Completed:
hod: I+SA	Casing Size: NA	PI Meter: 7E 580 B
und Elev.: NA	Soil Drilled: /D	Total Depth: /2
ged by: <i>SO</i>	Checked by:	Below Ground: NA
een: MA (ft.) Riser:	MA (ft.) Diam: NA (ID) Material: NA	Page / of: /
SAMPLE NUMBER SAMPLE DEPTH CLP/SCREENING	SOIL/ROCK/DISCHARGE WATER DESCRIPTION SOIL/ROCK/DISCHARGE WATER DESCRIPTION CLAY M/ roots, high plastic brown, no odor, no	
	75% O CLAY w/silt, mediums last. brown, no oder, dry SOR O CLAY w/silt, medium	
	plasticity, brown, no o	15 15 15 15 15 15 15 15 15 15 15 15 15 1

Client: AEC Project No. 9890-05 Protection: Mal. Level D Contractor: Soil TZZH Date Started: //- 17-96 Method: //SA Casing Size: NA PI Meter: TE SBOB Ground Elev: NA Soil Drillad: 10 Total Depth: /Z Logged by: S, Done/ick Checked by: Screen: NA (ft.) Plann: NA (ID) Material: NA Page / of: 1 Logged by: S, Done/ick Checked by: S Doll-Rockidoscharge water description Screen: NA (ft.) Riser: NA (ft.) Diam: NA (ID) Material: NA Page / of: 1 Logged by: S Done/ick Checked by: S Doll-Rockidoscharge water description S Doll-Rockidoscharge water description OZ //7 O CLAY wir oots and some minor grand, high plashicity, brown, no oder, moist ML SLAYEY SILT, little to no plashicity from moder, dry R Doll-Rockidoscharge water description ML SLAYEY SILT, little to no plashicity from moder, dry R Doll-Rockidoscharge water description ML SLAYEY SILT, little to no plashicity from moder, dry R Doll-Rockidoscharge water description ML SLAYEY SILT, little to no plashicity from moder, dry R Doll-Rockidoscharge water description ML SLAYEY SILT, little to no plashicity from moder, dry R Doll-Rockidoscharge water description ML SLAYEY SILT, little to no plashicity, brown, moder, dry R Doll-Rockidoscharge water description ML SLAYEY SILT, little to no plashicity, brown, moder, dry R Doll-Rockidoscharge water description ML SLAYEY SILT, little to no plashicity, brown, moder, dry R Doll-Rockidoscharge water description ML SLAYEY SILT, will some madure and water description R Doll-Rockidoscharge water description R Doll-Rockidoschar	SOIL BORING LOG		Study Area: AOC 9
Contractor: SOIL TECH Date Started: //-/F-96 Method: /#SA Casing Size: NA PI Meter: TE 580B Ground Elev: NA Soil Drilled: 10 Total Depth: /Z Logged by: S. Done/Lck Checked by: Screen: MT (ft.) Riser: NA (ft.) Diam: NA (ID) Material: NA Page / of: / Logged by: S. Done/Lck Checked by: Screen: MT (ft.) Riser: NA (ft.) Diam: NA (ID) Material: NA Page / of: / CLAY w/ roots and some minor grand, in gh plasticity, brown, no odor, noist ML SLAYET SILT, Inthe to no plasticity, brown, moder, dry 8 // CLAYET SILT, Inthe to no plasticity, brown, moder, dry R. J.	Client: AEC	Project No. 9890-03	
Method: HSA Ground Elev: MA Soil Drilled: 10 Logged by: S, Donelick Checked by: Screen: MA (ft.) Riser: MA (ft.) Diam: MA (ID) Material: MA Page / of: / Below Ground: NA Soil Drilled: 10 Total Depth: /Z Below Ground: NA Soreen: MA (ft.) Riser: MA (ft.) Diam: MA (ID) Material: MA Page / of: / But a soil Drilled: 10 Screen: MA (ft.) Riser: MA (ft.) Diam: MA (ID) Material: MA Page / of: / But a soil Drilled: 10 Soil Drilled: 10 Soil Drilled: 10 Total Depth: /Z Below Ground: NA Page / of: / Soil Drilled: 10 Total Depth: /Z Below Ground: NA Page / of: / Soil Drilled: 10 Total Depth: /Z Below Ground: NA Page / of: / Soil Drilled: 10 Total Depth: /Z Below Ground: NA Page / of: / Soil Drilled: 10 Total Depth: /Z Below Ground: NA Page / of: / Soil Drilled: 10 Total Depth: /Z Below Ground: NA Page / of: / Soil Drilled: 10 Total Depth: /Z Below Ground: NA Page / of: / Soil Drilled: 10 Soil Drilled: 10 Total Depth: /Z Below Ground: NA Page / of: / Soil Drilled: 10 Total Depth: /Z Below Ground: NA Page / of: / Soil Drilled: 10 Total Depth: /Z Below Ground: NA Page / of: / Soil Drilled: 10 Soil Drilled: 10 Soil Drilled: 10 Total Depth: /Z Below Ground: NA Page / of: / Soil Drilled: 10			
Ground Elev: MA Logged by: 5. Dene/Lek Checked by: Screen: MAF(ft.) Riser: MA (ft.) Diam: MA (ID) Material: NA Page / of: / Lagred by: 5. Dene/Lek Checked by: Screen: MAF(ft.) Riser: MA (ft.) Diam: MA (ID) Material: NA Page / of: / Lagred by: 5. Dene/Lek Checked by: Screen: MAF(ft.) Riser: MA (ft.) Diam: MA (ID) Material: NA Page / of: / Lagred by: 5. Dene/Lek Checked by: Screen: MAF(ft.) Riser: MA (ft.) Diam: MA (ID) Material: NA Page / of: / Lagred by: 5. Dene/Lek Checked by: Screen: MAF(ft.) Riser: MA (ft.) Diam: MA (ID) Material: NA Page / of: / Lagred by: 5. Dene/Lek Checked by: Screen: MAF(ft.) Riser: MA (ft.) Diam: MA (ID) Material: NA Page / of: / Bayer A (ID) Material: NA Page / of: / Lagred by: 5. Dene/Lek Checked by: Screen: MAF(ft.) Riser: MA (ft.) Diam: MA (ID) Material: NA Page / of: / Bayer A (ID) Material: NA Page / of: / Lagred by: 5. Dene/Lek Checked by: Screen: MAF(ft.) Riser: MA (ft.) Diam: MA (ID) Material: NA Page / of: / Bayer A (ID) Material: NA Page / of: / Lagred by: 5. Dene/Lek Checked by: Screen: MAF(ft.) Riser: MA (ft.) Diam: MA (ID) Material: NA Page / of: / Bayer A (ID) Material: NA Page / of: /	Method: /+SA		
Logged by: S. Dorrelick Checked by: Screen: Mf (ft.) Riser: MA (ft.) Diam: MA (ID) Material: MA Page / of: / Land Hamman Mark (ft.) Diam: Mark (ft.)	Ground Elev.: NA	Soil Drilled: 10	
Screen: MT (ft.) Riser: MA (ft.) Diam: MA (ID) Material: MA Page / of: / LE HAD BY HAD BY			
Soluble Company of the state of			
2 1.7 Ø CLAY W/roots and some minor gravel, high plasticity, brown, no odor, moist ML, SLAYEY SILT, little to no plasticity, brown, wooder, dry Plasticity, brown, wooder, dry R CLAYEY SILT, w/s ome medium grained sand, Slight plasticity, 12 13			
greech, high plasticity, brown, no odor, moist ML, SLAYEY SILT, little to no plasticity, brown, wooder, dry 8 10 CLAYEY SILT, w/s ome medium grained sand, Slight plasticity, 12 13 14 15 17 18 18 19 19 10 10 11 12 12 13 14 15 16 17 18 18 18 18 18 18 18 18 18	DEPTH (FT) SAMPLE NUMBER SAMPLE DEPTH CLP/SCREENING	AF (E CO CO C CO C CO C CO C CO C C CO C	SOIL CLASS
	2	6 CLAYEY SILT, w/s one medium grained sand, Slight plasticity	OH 2 12 16 17 18 18 18 18 18 18 18 18 18 18 18 18 18

Contractor: Soil Tech Method: HSA	Date Started: 11 - 14 - 96 Casing Size: 6 14 ID #5A	Completed: PI Meter: TB 6808 (11.7-v)
Ground Elev.:	Soil Drilled:	
Logged by: M. AloNSO	Checked by:	Total Depth: 40 ft
Screen: /5 (ft.) Riser:	I	
m		-
DEPTH (FT) SAMPLE NUMBER SAMPLE DEPTH CLP/SCREENING		
DEPTH (FT) SAMPLE NUMBE SAMPLE DEPTH CLP/SCREENING	m)	LASS
DEPTH (FT) SAMPLE NU SAMPLE DE	SOIL/ROCK/DISCHARGE WATER DESCRIPTION	SOIL CLASS
5-1 X M/A	1.0 BKC DARK Brown, sandy clay, plass	SH V
2.5	no appearent structure of fr	and and
	PID Each yound	200 -00
5,0 - S N	1.4 BKG Light Brown, fire silts, non-pla 2.0 mm-friable well graded, dry difficent than first sample no structures or fractures BID - Background	ASTIC ML
$\exists s-2 X M_A $	20 ma-friable well graded, dr	¥
7.5	difficent the first sample	
" -	no structures or fractures	644 444
3	BID - Dec Eground	Vul VVV
10.0	13 DV Light Brown Claher Sitts Calling	cond MI Vru Vru
- 5-3 X 1/4 .	20 Dre abstic high	SAG IIL VVV
12,5	months of sale, and	Try vrv
	13 BK Light Brown clayer silts 6/fine. 20 non-plostic fielde, dry, no stoucture PID - BACKGROUND	ru VVV
	130 Bricher	
15,0_	1.0 2K Light Brown clayer silts w/ fine	SANG ML
∃ 5-4 X %	1.9 BKs Light Brown clayey silts w/ fine 120 non-platic, friable, dry no structure, PID backgroun	
17.5	NO STRUCTURE PED background	
-	, 120 Onday our	
3		
20,0	10 De Light Brown clayer sitts wifin	ne la
3-5 X NA	Light Brown clayey sitts w/fin S. BKG: sand changing to a medium brown sandy silty clayey mixture. non-platic, friable (white).	~~
22.5	sandy silty clay ex mixture.	
	non-pouric, friable (white).	
7=1		
zs.o - 5-6 ×		, , , , , , , , , , , , , , , , , , ,
		10/4 4 >
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	Shirth Area
SOIL BORING LOG	Study Area: AOC 3 Boring No.: MN - 03 - 01
Client: 2/5AEC Project No. 09890 - 03	Protection: Mod. D
Contractor: Soil tech Date Started: 11/14/96	Completed: ///5/94
Method: HSA Casing Size: 6 1/4 J.D. HSA	PI Meter: TE 580 B (11,5 eV)
Ground Elev.: Soil Drilled:	Total Depth: 40,0 feet
Logged by: M, Alonso Checked by:	Below Ground: 27 feet
Screen: 15 (ft.) Riser: 25 (ft.) Diam: Z-in (ID) Material: Sch 40 PVC	
4 ft Above ground	
<u> </u>	
EPTH CMBR	° 11-1
H (T H (T H (T H M))	N3 14.
DEPTH (FT) DEPTH (FT) SAMPLE DEPTH CLP/SCREENING RECOVERY PID (ppm) PID (ppm)	SOIL CLASS
27,5	
27,5	
Sorted Ollinsian Heist	
PID Backanum	2-2-1
30 - 714 13 - 20 143	Slot
5-7 NA 13 BKG - DARK Brown medium size sail with Gravel and fines (site)	nd Sch
	(= PUL
Wet. non-plastic, friable poorly sorted, Alluvium PZD Backeround.	Scree
PZD BACKGround.	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
= 5-8 X MA 30 BRG JACK Brown medium size son	4, 1
37.5 Wet, non-plasti briable	
Poorly control allowing of the	
Jobbs Jack Brown medium size son with Gravel and fines. (silts) Wet, non-plasti, friable, poorly souted alluvium of volce origin. PID Background.	
DACK Brown medium stre son	
I will rear grand of volcome on)in
42,5 - Particle for som phatic	
PID Packarand	
Completed boring to 40 feet	
- Confirmed contra to 40 feet	
-	1
RUCEL	
BKG = Background.	- ABB Environmental Services, Inc.
9610016D L4	

SOIL BORING LOG	Study Area: AOC 3 Boring No.: MW · O 3 - O Z
Client: 215 A E C Project No. 09890 - 03	Protection: Mod. D
Contractor: Soil tech Date Started: 11/15/96	Completed: 11/1/2/46
Method: HSA Casing Size: 6 1/4"	PI Meter: TE 580 B (11.5 eV)
Ground Elev.: Soil Drilled:	Total Depth: 36 feet bls
Logged by: M. Alowso Checked by:	✓ Below Ground:
Screen: (ft.) Riser: (ft.) Diam: (ID) Material:	Page 1 of:
	·
SAMPLE NUMBER SAMPLE NUMBER CLP/SCREENING PID (ppm) PID (ppm)	σ «Π ε ς)
DEPTH (FT) SAMPLE NL CLP/SCREE CLP/SCREE	Soll CLASS WELL DATA WELL DATA
SAMPLE PEPTH (F	SOIL WELL
25-1 DARK brown fine to medium grand sond wy silts and glay some what plastic (moderate) moist, some roots, Alluvium clay rich soil.	7 OH
25 some what plastic (moderate)	C V V
moist some roots. Alluvium	2 VVVV
clay rish soil.	VV V Cement
5.0	OV VY GROWT
5.0 BKG DARK brown clayey silts with fine sond, small gnavel < 14' inbedded with day, plastic non-fairble moist, Alluvium.	OH
fine sond, small quavel < 14"	
1,5 inbedded with day, plastic	LUV VVV
- non-friable moist, Allubium.	V VV
10 - Light brown along its 10:	
5-3 WA 2.0 BKG. Sand Non-photic A still do	rown HL
10 = 5-3 N/A 2.0 BKG. Light brown clayey sitts wifine b. sand, non-plastic frieble, dry no steue ture, PID background	
12,5	Bentow F.
	(Pellets)
Light homes to white above with	
15 - BKG whing soud small and in	ML ML
15 = 5-4 NA 20 BKG Light brown to white clases silts wifine sond and small or well of non-planty friends no structure	7
17,5 PAD BACK ground Allowsum.	
	W. G.
20 - Light brown to white (Layers) charge	with Morie
5-5 X MA 20 W/ fine sond and 7 1/3" GRAVEL, de	Pack Pack
72.5 non-photic friable nostauctum	
PID back anound.	
25 - 5-(
	101/4 \$1
	10 14 4
71.	
BKG = Background	ADD Environmental Convices Inc
9610016D L4 d	- ABB Environmental Services, Inc. ———

SOIL BORING LOG		Study Area: AOC.	
Client: USAEC	Project No. 0 98 90	Boring No.: $MW - O3$ - Protection: H_{vd} . D	02
	Started: 11/15/96	Completed:	
	ng Size: 6 1/4 W	PI Meter: TE 580	R (ILSev)
	Orilled:	Total Depth:	
Logged by: M. Alenso Check	ked by:	✓ Below Ground:	
	t.) Diam: (ID) Materi	l: Page of:	
.			
JMBE			
H (FT.	Ê	LASS	
DEPTH (FT) SAMPLE NUMBER SAMPLE DEPTH CLP/SCREENING RECOVERY	€ SOIL/ROCK/DISCHARGE WATE	SOIL CLASS WELL DATA	
P5. —			
5-6 X M 1.4 M	KG DARK brown Glayey sand small Area posible froster fills highly plantic, mois	with white	
27.5	posible fratore fills	within day	
	highly plantic, mois	fracture	
	Swile grave 7 1/2	AMGULAR	[=] '; '
30 - 7 N 16	of volumes origin. PID Background.		
5-7 X MA 1.6 B	Dack bown !	t	
32.5	DARK brown five sand with small programmed, non-plastic-fallenium PIO-Bac	unt of ste in	
	grand, non-plostic-	riable poor	151 , ;
	Alluvium PIOz Bac	ground.	=\.\\
35 - 15 B	KG DARK Brown clayer	sello with	<u> </u>
5-8 XM 1.5 B	soud (fine) and gross	71/2-1464	TD-36 fet
37.5	highly phones white full	1/1 mint	,,,,
	KG DARK Brown clayer some mitter white fell high photic non-fell Allumin PID = back	inough	
		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
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7 111			
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		ABB Environmental Services	s, Inc.

SOIL BORING LOG	Project No. 9890-03	Study Area: AOC 8 Boring No.: MW-08-01 Protection: M - D
Contractor: Soil Tech		Protection: Mad. D
Method: HSA	Casing Size: 64" ID	PI Meter: TE 580 B (11.7 eV)
Ground Elev.:	Soil Drilled:	Total Depth:
Logged by: R. Pendleton	Checked by:	Below Ground: 16.5 ft
Screen: /5 (ft.) Riser:	15 (ft.) Diam: 2-IN(ID) Material: Sch. 40 PVC	Page 1 of: 2
5.0 5.2 XX 5.0 5.2 XX 5.0 5.3 XX 7.5 1.5	SOILACCKDISCHARGE WATER DESCRIPTION BKG Dark brown silt w/ some fine to med. Send, slightly plastic Poorly graded, damp. PID = BKG, Hedspace = 0.0PPM 1.7' BKG Park brown silt w/ fine sand lenses, loose, poorly groded, damp. PID = BKG on spoon. Headspace = ppm 1.8' BKG Dark brown silt w/ fine sand lenses, some limestone (argular) fragmente, firm, poorly groded, damp. PID = BKG on spoon. Headspace = ppm 1.1' BKG Dark brown fines and and silt, loose, poorly groded, damp. Fine sand lense, tr. silt from 16.0'-16.3' bgs. PID = BKGon spoon. Headspace = 0 ppm Similar to S-4, except coarse sand to med. gravel lense in the bottom 0.2' of the spoon IS wet, I measured at 17' bgs. BGS: BElow Ground Su	

SOIL BORING LOG	Trigonomi nanana 1974, governe groupen groupen and the state of the st	Commission of the Commission o	Study Area: Acc	8
		7890-03	Boring No.: MW-OS	3-01
Client: USAEC Contractor: Soil Tech	Date Started: 11-13-96		Protection: Mod. T	
Method: HSA	Casing Size: Ch" I	D		8 (147eV)
Ground Elev.:	Soil Drilled:		Total Depth:	5 C'4/8/
Logged by: R. Pondy ton	Checked by:		✓ Below Ground:	<u>:</u>
		Material: Sch. 40 PW		
Screen: /5 (ft.) Riser:	15 (it.) Blain. 2-17- (ib)	Material: 301. 707 Kg	Page 2 of: 4	-::
BER TH ING				
DEPTH (FT) SAMPLE NUMBER SAMPLE DEPTH CLP/SCREENING	PIO (ppm) SOIL/ROCK/DISCHA		OIL CLASS	WELL DATA
8 3 3 3 3 5-6 X	문 SOIL/ROCK/DISCHA	RGE WATER DESCRIPTION	8	3 -10
3-6	AD BY Dark brown +1	ne silt, interde		
	Dark brown fi W/ Coorse to m gravel lenses BKG on spo	s wet orn -		
77.5	BKG on sec	5001. P1U=		
			-	·
30 - 5-7 X	No possessione	(measureable); provel in tip of		· : 10, 70
30 Jes 7 V	20 Bic No recovery	recel in tie of		30;
$\exists 3^{\circ} ' \triangle$	Spoon.	stages he tip of		
32.5				
	Monitoding U	uellampetal		1
35.0=	to 30 16 p	1-		•
35.0	1 30 FE 81	٤.		
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l'				••
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	<u> </u>			•
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			ABB Environmental Servi	ices, Inc.

SOIL BORING LOG	Study Area: AOC 9 Boring No.: Mw- 09- 01
Client: USAEC Project No. 09890 03	Protection: Noth. D.
Contractor: So.1 tech Date Started: 11/16/96	Completed:
Method: HSA Casing Size: 6 1/4 "	PI Meter: TE 580 B (1.5 eV)
Ground Elev.: Soil Drilled:	Total Depth:
ogged by: Checked by:	Below Ground:
creen: (ft.) Riser: (ft.) Diam: (ID) Material:	Page / of: 2
	* TRAiler Mounted drill Rig.
ш – в	CME 45 B.
C ENIN Y	o 140 Lbs Hammer
DEPTH (FT) SAMPLE DEPTH CLP/SCREENING RECOVERY PID (ppm) VID (ppm)	CLASS 5-1NG
SAMPLE SAMPLE OF PTH (F	SOIL O
5-1 NA 1.0 BKG DARK brown sitty soud (fine tom	udum 13 13 12 15 NV V V L Cement
5-1 NA 1.0 BKG DARK brown silty soud (fine to m growed) with growel (1/2" to 1") non-plost ve, frierble, dry, Allu	VV VVV Grout
non-plostile, frisble, dry, Allu	wiwm Benton
	Pellet (Seal)
Doar hyann claver sitte	
S-2 N/A 2.0 BKG DARK brown clayer sitts Alluvium PID Background	25 13 16 15
Alluvium PID Backennad	
5 -	
7	
DARK brown to brown clayeys in S-3 PARK brown to brown clayeys in Alluvium. PID Backgnound. Grav moterial fills forthur Comme	
5-3 NA 20 Bkg high mod plastic, friable, mois	/fs #2 W,
Alluming PTD Rocking und	3 5 8 12 Morie Sand
Alluvirum. PID Backgnound. Gray moterial fills fracturalings	War) Pack
Dock brown class with with and	,
NO 0.1 PW plantic non hotel with a hard	17 25 50 -
5-4 N/p 0.1 BKG DORK brain clayey silts with grand plantic, non-partie with grand suit sample. Alberton. pookly si	ORted
5	
7	
DARK brown clayers 1/ts with GI	earl Silling
	20 8 12 18
3-5 X /A (214") highty-plastic non-friable	
1,5.—	
7	
5 - 5-6 See description on pace 2	TD= 25
	12525
	j
	1
BKG = Background	ABB Environmental Services, Inc.

Contractor: Soil Tack Date Started: 11/17/66 Completed: Mod. D	SOIL BORING LOG	Study Area: AOC 9 Boring No.: Mul = 09 = 01
Contractor: Sev / tec/ Method: HSA Casing Size: 6 /4" PI Meter: TESPOB(II.Sev Ground Elev: Logged by: M. Alouso Creen: (ft.) Plase: (ft.) Diam: (ID) Material: Page Z of: Z Solunockolscharge water description Solunockolscharge water	Client: 2/SAE/ Project No. 09890 03	
Method: HS A Casing Size: 6 M Pl Meter: TE 580 B (11, See Ground Elev: Soil Drilled: Total Depth: Total Depth	Contractor: C. / + / Date Started: ///17/0/	
Ground Elev: Logged by: M. Alonso Checked by: Screen: (ft.) Riser: (ft.) Diam: (ID) Material: Page Z ot: Z SOLPROCKDISCHARGE WATER DESCRIPTION SOLPROCKDIS		
Logged by: M. Alouso Creeked by: Screen: (ft.) Riser: (ft.) Diam: (ID) Material: Page Z of: Z SOLROCKDISCHARGE WATER DESCRIPTION SOLR		
Screen: (ft.) Riser: (ft.) Diam: (iD) Material: Page Z of: Z Solution So		
1 Solar Constitution of the state of the sta		
5-6 What is properly the second of the secon	Screen: (ft.) Riser: (ft.) Diam: (ID) Material:	Page Z of: Z
5-6 X No. 3 Place and color in the modern graphical series and color in the color of the color o	SAMPLE DEPTH (FT) SAMPLE DEPTH CLP/SCREENING CLP/SCREENING CLP/SCREENING PID (ppm) PID (ppm)	SOIL CLASS
TUC 1 / A	27.5 S-6 What is product five to medium grad served walk ologies (15 pool Graduel (1/4-inch) frieble - non plostic Alluvior of medium grad (1/4-inch) frieble - non	6 16 28 -



SOIL VAPOR SURVEY RESULTS AND LABORATORY REPORT

W001976APP

BLANK-CORRECTED SOIL VAPOR SURVEY RESULTS

TABLE C-1 SOIL VAPOR SCREENING SURVEY BLANK-CORRECTED ANALYTICAL RESULTS

FORT ALLEN PHASE I SITE INSPECTION JUANA DIAZ, PUERTO RICO

SITE	MODULE	BLANK CORRECTED BTEX, ug	BENZ, ug	BLANK CORRECTED TOL, ug	EtBENZ, ug	BLANK CORRECTED mpXYL, ug	oXYL, ug	BLANK CORRECTED C11,C13&C15, ug
	WDF =	0.02	0.03	0.03	0.02	0.02	0.03	L
SV-08-01	129536	00:00	00.0	00.00	00:00	0.00	0.00	0.00
SV-08-02	129537	00.00	0.00	00.00	0.00	0.00	0.00	0.00
SV-M9-01	129518	00.00	00.00	00.0	00:0	0.00	00'0	
SV-M9-02	129519	00.00	0.00	00.0	00:0	0.00	0.00	
SV-M9-03	129520	00.00	0.00	00.0	00:0	00.00	00.00	
SV-M9-04	129521	0.00	00.00	00.0	00.00	0.00	0.00	00:00
SV-M9-05	129522	0.00	0.00	0.00	0.00	0.00	0.00	
SV-M9-06	129523	00.00	00.00	00.00	0.00	0.00	0.00	
SV-WW-01	129524	0.00	00.00	00.0	00:0	0.00	00.00	00.00
SV-WW-02	129525	0.00	0.00	00.0	0.00	0.00	00.00	0.00
SV-WW-03	129526	0.00	00.00	00.0	0.00	00.00	0.00	
SV-PC-01	129527	194	00.00	0.82	00:00	00.00	00:0	
SV-PC-02	129528	1.12	00.00	0.55	00:00	00.00	00.00	0.00
SV-PC-03	129529	00.00	00.00	00.0	0.00	00.00	0.00	
SV-PC-04	129530	0.00	00.00	00.0	0.00	0.00	00.00	
SV-PC-05	129531	00.00	0.00	0.00	0.00	00.00	0.00	00.00
SV-PH-02	129533	0.11	00.00	900	00.0	00.00	00.0	
SV-PH-03	129534	0.65	0.15	80	00.00	0.03	00.00	980
SV-PH-04	129535	1.32	00.00	0.0%	0.00	00:00	0.00	013
Trin Blank 1	120538	22.0	5	200	0	C	C	ac c
LIP DIRIN	000671	0.43	3	0.23	3	9	000	
Trip Blank 2	129539	0.14	00.0	0.14	00.0	0.00	0.00	0.03
Method Blank		0.03	0.00	0.03	0.00	0.03	0.00	0.00

TABLE C-1 SOIL VAPOR SCREENING SURVEY BLANK-CORRECTED ANALYTICAL RESULTS

FORT ALLEN PHASE I SITE INSPECTION JUANA DIAZ, PUERTO RICO

SITE	MODULE	BLANK						
٥	NUMBER	UNDEC, ug	TRIDEC, ug	PENTADEC, ug	NAPH&2-MN, ug	NAPH, ug	2MeNAPH, ug	TMBs, ug
	MDL =	0.04	0.02	0.03	0.03	0.03	0.03	0.02
SV-08-01	128536	00.0	00:0	00.0	0.00	800	000	00.0
SV-08-02	128537	00:00	0.00	00.0	0.00	000	0.00	000
SV-M9-01	129518	00.00	0000	0.00	0.00	000	0.00	000
SV-M9-02	128519	0.00	000	00.00	0.00	000	000	000
SV-M9-03	128520	00.00	0.00	0.00	0.00	0.0	0.0	000
SV-M9-04	128521	0.00	0.00	0.00	00.0	00:0	0.00	00.0
SV-M8-05	128522	0.00	0.00	0.00	00:00	0.00	0.00	0.00
SV-M9-06	129523	0.00	00:00	0.00	00:0	00.00	0.00	00.00
SV-WW-01	128624	00:00	00:0	00:0	00:00	00.00	0000	0000
SV-WW-02	128525	0.00	0.00	00:0	0.00	0.00	000	000
SV-WW-03	128526	0.00	0.00	0.00	0.00	0.00	0.00	000
SV-PC-01	128627	0.00		00:00	00.0	00.0	00.0	000
SV-PC-02	128528	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SV-PC-03	128529	0.00	00.0	0.00	000	00.00	00.00	000
SV-PC-04	128530	0.0	0.00	00:0	0.00	0.00	0.00	00.0
SV-PC-06	128531	0.00	00.00	0.00	0.00	0.00	0.00	0.00
SV-PH-02	129533	0.00	00.0	00:00	00.00	00.0	00.00	000
SV-PH-03	128534				00.0	0.00	00.0	
SV-PH-04	128635	00:0			0.00	0.00	0.00	0.00
Trip Blank 1	128538	800	000	8	000	8		
Table Direction	40000		3	3	3	3	300	3
1 Maria du 1	128538	800	00.0	0.0	0.00	00:0	0.00	0.00
Method Blank		0.00	0.00	0.00	00.0	0000	000	000

TABLE C-1 SOIL VAPOR SCREENING SURVEY BLANK-CORRECTED ANALYTICAL RESULTS

FORT ALLEN PHASE I SITE INSPECTION JUANA DIAZ, PUERTO RICO

12DCA, ug	0.02	00.00	0.00	00.00	00.00	00.00	00.00	00.00	00.0	00.00	00.00	0.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	0.00	00.0		8	00:00
111TCA, ug	0.02	00.00	0.00	00.00	0.00	0.00	0.00	0.00	0.00	00.0	0.00	00.0	0.00	0.00	0.00	0.00	00:00	00:00	0.00	0.00	00.0	0	3	0.00
PCE, ug	0.03	00.0	00.00	00.0	0.00	00.00	0.33	0.0	00.0	00.00	00.00	0.00	00:0	0.00	0.00	0.00	0.00	00:0	0.00	00.00	00 0	2	8	0.00
CHCl3, ug	0.01	00.00	0.00	00.00	0.22	0.18	00.0	0.00	800	0.08	500	014	0.00	0.00	0.00	00.00	0.26	00:0	00.00	0.00	00 0	6	8	00.00
c12DCE, ug	0.02	0.00	0.00	00.0	0.00	0.00	0.0	0.00	00:0	00:00	00.0	0.00	0.00	0.00	0.00	0.00	00.0	00.00	00.0	0.00	00 0	2	8	0.00
11DCA, ug	10.01	0.00	0.00	00.00	0.00	0.00	0.00	0.00	0.00	00.0	0.00	00.00	0.00	0.00	00.0	0.00	0.00	00.0	0.00	0.00	000		3	0.00
t12DCE, ug	90.0	00.0	00.0	00.00	00.00	00.0	0.00	0.00	0.00	00.00	00.00	00.00	00.00	00.00	00.00	0.00	00.00	00.00	00.00	0.00	00 0	2	9	00:00
124TMB, ug	0.02	0.00	0.00	0.00	0.00	0.00	0.00	00.00	00.00	00:0	0.00	00.00	00.00	00.00	0.00	0.00	0.00	0.00	900	00.00	00 0	5		0.00
135TMB, ug	0.02	00.0	00.00	00.0	00.0	0.00	00.0	00.00	00.00	00:00	0.00	00.00	00.0	00.00	00.00	0.00	0.00	00.0	0.02	00.0	00 0	000	2	00.00
MODULE	MDL =	129536	129537	129518	129519	129520	129521	129522	129523	129524	129525	129526	129527	129528	129529	129530	129531	129533	129534	129535	129538	120530	000	
SITE		SV-08-01	SV-08-02	SV-M9-01	SV-M9-02	SV-M9-03	SV-M9-04	SV-M9-05	8V-M9-06	SV-WW-01	SV-WW-02	SV-WW-03	SV-PC-01	SV-PC-02	SV-PC-03	SV-PC-04	SV-PC-05	SV-PH-02	SV-PH-03	SV-PH-04	Trip Blank 1	Trin Blank 2	1	Method Blank

TABLE C-1 SOIL VAPOR SCREENING SURVEY BLANK-CORRECTED ANALYTICAL RESULTS

FORT ALLEN PHASE I SITE INSPECTION JUANA DIAZ, PUERTO RICO

SITE	MODULE	MTBE, ug	CCIA, ug	TCE, ug	OCT. VG	CIBENZ, ud	14DCB, ua	Acenaphthylene ug	Acensohthene us
	MDL =	0.18	0.0				0.02	900	700
SV-08-01	128536	0.00	00:0		0.00	0.00	080	00.0	000
SV-08-02	128537	00.00	0.00	0.00	0.00	000	000	000	000
SV-M9-01	128518	0.00	0.00		0.00	000	000	00.0	
SV-M9-02	128519	0.00	00.0		0.00	0.00	00.0	000	00.0
SV-M9-03	128520	0.00	0.00	00.0	0.00	00.0	00.0	0.0	000
SV-M9-04	128621	0.00	0.00		0.00	00.0	000	0.00	0.00
SV-M9-06	128522	0.00	0.00		0.00	0.00	00.0	0.00	0.00
SV-M9-08	129523	0.00	0.00		0.00	00.0	00.0	0.00	000
SV-WW-01	128524	0.00	0.00		0.00	00:00	00.0	00:0	00.00
SV-WW-02	128625	0.0	0.00		0.00	00.00	00.0	0.00	0.00
SV-WW-03	128528	0.00	0.00		0.00	00.0	00.0	0.00	000
SV-PC-01	128627	0.00	00.0		00.0	00.0	00.0	0.0	00.0
SV-PC-02	128528	0.0	0.0		0.00	0.0	00.0	0.00	000
SV-PC-03	128529	0.00	0.0		0.00	0.00	00.0	0.00	0.00
SV-PC-04	129630	0.0	0.00		0.00	00.0	00.0	0.0	0.00
SV-PC-05	128631	0.00	0.00	00.00	0.00	0.00	00.0	0.00	0.00
SV-PH-02	129633	0.00	00.0		00.0	00.0	00.0	0.0	0.00
SV-PH-03	128634	0.00	0.00	00.00		00.0	00.0	0.0	000
SV-PH-04	128635	0.00	0.00		00.00	00.00	00.00	0.0	00.0
Trip Blank 1	128638	0.0	00.0	00.0	000	000	000	80	6
Trip Blank 2	128539	000	000	00.0	000	0	0	88	8 8
									3
Method Blank		0.00	00.00	00.0	0.00	0.00	0.00	0.00	000

TABLE C-1 SOIL VAPOR SCREENING SURVEY BLANK-CORRECTED ANALYTICAL RESULTS

FORT ALLEN PHASE I SITE INSPECTION JUANA DIAZ; PUERTO RICO

							BI ANK CORRECTED
SITE	MODULE				ī	C	Petroleum
2	Paginosi -	riuorene, ug	FUEN, ug	Anthracene, ug	riuorantnene, ug	Pyrene, ug	Hydrocarbons, ug
70 00 10	MDL =	0.07	0.04	or.o	0.17	0.24	
SV-08-01	129536	0.00	00.0	00.00	0.00	0.00	00.0
SV-08-02	129537	0.00	00.00	0.00	0.00	0.00	0.00
SV-M9-01	129518	00.00	00.00	00.00	00'0	0.00	0.00
SV-M9-02	129519	0.00	0.00	00:00	00.0	00.00	0.00
SV-M9-03	129520	0.00	0.00	0.00	0.00	00.0	0.00
SV-M9-04	129521	00.00	00.00	00.0	00.00	00.00	00:00
SV-M9-05	129522	00.00	00.00	0.00	00'0	00.00	0.00
SV-M9-06	129523	0.00	0.00	00.00	00.00	00.00	0.00
SV-WW-01	129524	00'0	00.00	00.00	00.00	00.0	0.00
SV-WW-02	129525	00.00	0.00	0.00	0.00	0.00	00:00
SV-WW-03	129526	00.00	00.00	0.00	0.00	00.00	00:00
SV-PC-01	129527	00.00	00.00	00:00	0.00	0.00	12,67
SV-PC-02	129528	0.00	00.00	00:00	0.00	0.00	0.00
SV-PC-03	129529	00.00	00.00	0.00	00.00	0.00	00:00
SV-PC-04	129530	00.00	0.00	00:0	0.00	0.00	0.00
SV-PC-05	129531	00.00	0.00	0.00	0.00	0.00	0.00
SV-PH-02	129533	00.00	00.0	00:0	0.00	0.00	00:00
SV-PH-03	129534	00.00	00.00	00:0	0.00	0.00	33.26
SV-PH-04	129535	00.00	00.00	0.00	0.00	0.00	3.53
Trin Blank 1	120528	c	G	o c	C	C	00
NIBIO CHI	00007	9	9.0	0.00	0.0	3.5	76.4
Trip Blank 2	129539	0.00	0.00	00.00	0.00	00.00	1.82
Method Blank		0.00	0.00	00.0	00.00	0.00	0.20

- Phenanthrene, Anthracene, Fluoranthene, and Pyrene were quantitated using responses from Fluorene.
 Blank-corrected data was calculated by subtracting the maximum value of the analyte detected in the blanks (Trip and Method blanks) from the raw value (presented in the laboratory report).
 - Shaded cells indicate positive analyte concentrations.
 MDL = Method Detection Limit

Page 5 of 5

SOIL VAPOR SURVEY LABORATORY REPORT



W. L. GORE & ASSOCIATES, INC.

101 LEWISVILLE ROAD • P.O. BOX 1100 • ELKTON, MARYLAND 21922-1100 PHONE: 410/392-3300 FAX: 410/996-3325 • TELEX 467637 GORE FB ELKT ENVIRONMENTAL PRODUCTS GROUP

1 of 5

GORE-SORBERSM Screening Survey Final Report

National Guard Base Puerto Rico

December 20, 1996

Prepared For:
ABB Environmental Services
110 Free Street
Portland, ME 04112-7050

W.L. Gore & Associates, Inc.

Written/Submitted by

Ray Fenstermacher, P.G.

Associate

W.L. Gore & Associates, Inc.

Reviewed/Approved by

ay W. Hodny, M.S.

Associate

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GORE-SORBER^{5m} Screening Survey Final Report

REPORT DATE: December 20, 1996

AUTHOR: RFF

SITE INFORMATION

Site Reference: National Guard Base, Puerto Rico Customer Purchase Order Number: NE646437G

Gore Production Order Number: 070694

Gore Site Code: VN

FIELD PROCEDURES

Modules shipped: 22

Installation Date(s): November 16 - 17, 1996

Modules Installed: 20

Field work performed by: ABB Environmental Services

Retrieval date(s): December 3, 1996

Modules Retrieved: 19

Exposure Time: 16-17 [days] # Trip Blanks Returned: 2

Modules Lost in Field: 1 # Unused Modules Returned: -0-

Date/Time Received by Gore: December 4, 1996 @ 12:30 pm By: CJF

Recorded Cooler/Water Temperature Control Blank temperature: 6.2 [°C]

Chain of Custody Form attached:

Chain of Custody discrepancies: Trip blanks were not designated on the first page of the

chain of custody.

Comments: Temperature of the water control blank slightly exceeded the generally accepted

criteria for preservation of environmental samples, 4.0 ± 2.0 °C.

GORE-SORBERsm Screening Survey **Final Report**

ANALYTICAL PROCEDURES

W.L. Gore & Associates' Screening Module Laboratory operates under the guidelines of its Quality Assurance Manual, Operating Procedures and Methods. The quality assurance program is consistent with Good Laboratory Practices (GLP) and ISO Guide 25, "General Requirements for the Competence of Calibration and Testing Laboratories", third edition, 1990. The Laboratory is audited regularly by a quality system design, development and auditing company.

Instrumentation consists of Hewlett-Packard 5890 gas chromatographs and 5971 mass selective detectors, as well as Perkin-Elmer ATD 400 automated thermal desorption units. Sample preparation simply involves cutting the tip off the bottom of the sample module and transferring one or more exposed sorbent containers (sorbers, each containing 40mg of a suitable granular adsorbent) to a thermal desorption tube for analysis. Sorbers remain clean and protected from dirt, soil, and ground water by the insertion/retrieval cord, and require no further sample preparation.

Screening Method Quality Assurance:

Before each run sequence, two instrument blanks, a sorber containing 5µg BFB (Bromofluorobenzene), and a method blank are analyzed. The BFB mass spectra must meet the criteria set forth in our methods before samples can be analyzed. A sorber containing BFB is also analyzed after every 30 samples and/or trip blanks, as is a method blank. Standards containing the selected target compounds at three calibration levels of 5, 20, and 50µg are analyzed at the beginning of each run. The criterion for each target compound is less than 35% RSD (relative standard deviation). If this criterion is not met for any target compound, the analyst has the option of generating second- or third-order standard curves, as appropriate. A second-source reference standard, at a level of 20µg per target compound, is analyzed after every ten samples and/or trip blanks, and at the end of the run sequence. Positive identification of target compounds is determined by the presence of the target ion and at least two secondary ions, retention time versus reference standard, and the analyst's judgment.

NOTE: All data have been archived. Any replicate sorbers not used in the initial analysis will be discarded fifteen (15) days from the date of analysis.

Laboratory analysis: thermal desorption, gas chromatography, mass selective detection

Quality Assurance Level: 2 (ANA-4/A1)

Instrument ID: # 2 Chemist: JW

Data Subdirectory: 070694 Compounds/mixtures requested: Expanded VOC/SVOC Target Compound List (A4)

Deviations from Standard Method: None

Comments: Soil vapor analytes and abbreviations are tabulated in the Data Table Key (page 5).

GORE-SORBER¹⁸⁸ Screening Survey Final Report

DATA TABULATION

CONTOUR MAPS ENCLOSED: No maps were prepared with this data.

NOTE: All data values presented in Appendix A represent masses of compound(s) desorbed from the GORE-SORBER Screening Modules received and analyzed by W.L. Gore, as identified in the Chain of Custody (Appendix A). The measurement traceability and instrument performance are reproducible and accurate for the measurement process documented. Semi-quantitation of the compound mass is based on either a single-level (QA Level 1) or three-level (QA Level 2) standard calibration.

Comments:

None

GORE-SORBER is a registered trademark of W. L. Gore & Associates, Inc.

GORE-SORBERsm Screening Survey Final Report

KEY TO DATA TABLE National Guard Base, Puerto Rico

UNITS

μg micrograms (per sorber), reported for compounds for which we

run external standards.

MDL method detection limit

ANALYTES

BTEX combined masses of benzene, toluene, ethylbenzene and total xylenes

(Gasoline Range Aromatics)

BENZ benzene
TOL toluene
EtBENZ ethylbenzene
mpXYL m-, p-xylene
oXYL o-xylene

C11,C13&C15 combined masses of undecane, tridecane, and pentadecane (C11+C13+C15)

(Diesel Range Alkanes)

UNDEC undecane
TRIDEC tridecane
PENTADEC pentadecane

NAPH&2MN combined masses of naphthalene and 2-methyl naphthalene

NAPH naphthalene

2MeNAPH 2-methyl naphthalene

TMBs combined masses of 1,3,5-trimethylbenzene and 1,2,4-trimethylbenzene

135TMB 1,3,5-trimethylbenzene
124TMB 1,2,4-trimethylbenzene
t12DCE trans-1,2-dichloroethene
11DCA 1,1-dichloroethane
c12DCE cis-1,2-dichloroethene

CHC1₃ chloroform
PCE tetrachloroethene
111TCA 1,1,1-trichloroethane
12DCA 1,2-dichloroethane
MTBE methyl t-butyl ether
CC1₄ carbon tetrachloride
TCE trichloroethylene

OCT octane

CIBENZ chlorobenzene
14DCB 1,4-dichlorobenzene
PHEN phenanthrene

BLANKS

TBn unexposed trip blanks, which traveled with the exposed modules

method blank, retained at Gore

APPENDIX A:

1. CHAIN OF CUSTODY 2. DATA TABLE

GORE-SORBER® Screening Survey Chain of Custody

For W.L. Gore & Associates use only	7. 0./
Production Order #	70694



W. L. Gore & Associates, Inc., Environmental Products Group 101 Lewisville Road • Elkton, Maryland 21921 • Tel: (410) 392-3300 • Fax (410) 996-3325

Instructions: Customer must con												
Customer Name: ABB ENVIRCIVING	VTHL S	SERVICES	Site Name:	NATICNAL GO	ARD BI	158						
Address: 110 FREE ST			Site Address:									
PORTLAND ME	84112	-7050		PUERTO RICE	3							
(ROD PENDLETON)			Project Manager:	JUAN CRU								
Phone: 207 775 5400			Customer Project N									
FAX: 207 772 4762				£ 44437 6 Qu	ote #: <u> </u>	6846						
Serial # of Modules Shipped			# of Modules for In	stallation 20 #	of Trip Blani	ks 2						
# 129518 through #	129539	7	Total Modules Ship		Pie	ces						
# through #			Total Modules Rece		Piec	ces						
# through #			Total Modules Insta	iled: 20	Piec	ces						
# through #			Serial # of Trip Blan	iks (Client Decides)	#							
# through #			#	#	#							
# through #			#	#	#							
# through #			#	#	#							
Installation Performed By:			Installation Method	s) (circle those that a	pply):							
Name (please print): Scot Done ! d	د		Slide Hammer	Hammer Drill	Auger							
Company/Affiliation: ABB E5			Other: Geoprate	park hole								
Installation Start Date and Time: 11-16-96		1	1	1425:	AM/PM							
Installation Complete Date and Time: 1/-	17-96	1	1	11:48	AM)PM							
Retrieval Performed By: Name (please print): Soft Development	.1		Total Modules Retri	eved: 19	Piec	ces						
rame (promo pram).	K		Total Modules Lost		Piec	æs						
Company/Affiliation: ABB-ES			Total Unused Modu	les Returned: 2	Piec	es						
Retrieval Start Date and Time:	12	13	1 96	7:54	AM) PM							
Retrieval Complete Date and Time:	12	2/3	1 96 9:10 (AM) PM									
			Pending Completion of Lab Analysis []									
	or write "No	one", if ar	oplicable.									
	Analyte #2:			Analyte #3:	· 							
Other Instructions, if any:				,								
Relinquished By CA forthin	Date	Time	Received By:		Date	Time						
Affiliation: W.L. Gore & Associates, Inc.	11/5/94	12:00	Affiliation:	4 8 18-E5	-	0800						
Relinquished By Hender	Date	Time	Received By:		Date	Time						
Affiliation: ABB ES	12.3.96	1600	Affiliation:	7		m:						
Relinquished By	Date	Time	Received By: C'	Fondrin	Date	Time						
Affiliation				ore & Associates, Inc.	17/4/96	12:30						
	Temp	perature (of Samples When R	leceived By Gore	6.2	°C						

GOF	E-SORBE	R Screening	Survey	SITE	NAME	& LOC	ATION	ī	••
		Retrieval Log		FOR	ALLE	N ALE	HETO !	RICO	
		18 1 9 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1							
Page	of	erre take 10 2							e e e jar
LINE #	MODULE#	INSTALLATION DATE/TIME	RETRIEVAL DATE/TIME	HYDR HYDI (Che	ENCE OF OCARBO OT ROCARBO ck as appr	NS (LPH) N ODOR opriate)	WA (chec	ULE IN TER k one)	COMMENTS
				LPH	ODOR	NONE	YES	NO	
1.		11-16 46 / 1425	12-3-16- 0838					V	SV-M9-01 10pm
2.		1146-76/1434	10901						SV-M9-02/0pm
3.		11-16-96/1437	10903			1		V	5V-M9-05 (00 pm
4.		1176-76/ 1456	10907			~	ļ	<u></u>	5:-M4-01/epan
5.		11-16-96/1585	10910	ļ			<u> </u>	~	34-M9-05(000
6.		11-16-91/1515	10910			<u>'</u>	<u> </u>	V	SI-MG-DE/GODA
7.	124524	14/1/06 / 0941	10810			1		1	Sid-Uns. CI (Dippor
8.		1177-16/0922	10808			V		~	Si-word Sugam
9.		11-17-16 10931	10807			V		1	Sy-w-03/800m
10.		11-1746/1002	10830						54-R-01 18 ppm
11.		11-17-46/1055	1083i			~		V	SVK ZZ (BPPM
12.		11-17-4/1047	10833			v		1	SU-K-05 (Eppm)
13.		4-17-96/10-10	10836			~		~	SR-CY (EPP
14.		11746/075Z	/0836			V		V	5:-1x-05 (10 pgm)
15. NH		1-17-6/1131	NOT LOCATED			~			2 N-64-01 (A WW
16.		11-17-6/1136	10843			~		V	SV-PH-02 600pm
17. 18.		11-1746/1142	/0874			~			52-PH-03 (ppm
19.		11-17-96/1148	/0825			V		V	SM-04 (2 ppm)
20.		11-17-76/1118	1 / 0754					E.m	51-08-01 (\$10-1)
21.	1245370	1-17-90/1107	V /0756				~	2000	51-08-02 (ppp.m
22.									
23.								-	
24.									
25.		<u> </u>							
26.									
27.									
28.									
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40.									
41.									
42.									

GORE SORBER SCREENING SURVEY ANALYTICAL RESULTS ABB ENVIRONMENTAL SERVICES, PORTLAND, ME GORE EXPANDED TARGET VOCs/SVOCs (A4) NATIONAL GUARD BASE, PUERTO RICO PRODUCTION ORDER #070694

	NAPH, ug	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	00.00	0.00	0.00	0.00
	NAPH&2-MN, ug		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	00:00	0.00	00:00	00.00	00.00	00.00	00.00	00.00	0.00	00.0	00.00	00.00
	PENTADEC, ug	0.03	00.0	0.00	00.0	00.00	00.00	00.00	00.00	0.00	00.0	00.0	00.00	00.00	00.00	0.00	0.00	0.51	0.10	0.00	0.00	0.51	00.00	0.00	00.00
	TRIDEC, ug	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	00.0	00.0	0.04	0.00	00.00	00.00	0.00	00.00	0.27	90.0	0.00	0.00	0.27	00.00	00.0	00.00
	<u> </u>		0.01	0.00	00.00	0.01	0.00	0.05	0.05	0.01	0.01	90.0	0.01	0.01	00.00	0.00	0.03	0.12	90.0	0.05	00:00	0.12	0.08	0.03	0.00
	C11,C13&C15, ug UNDEC, ug	0.02	0.01	0.00	0.00	0.01	00.0	0.02	0.02	0.01	0.01	0.11	0.01	0.01	00.00	00.00	0.03	06.0	0.21	0.05	00.00	06:0	0.08	0.03	00:00
	oXYL, ug	0.03	00.00	00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	00.00	0.00	00.00	00.00	0.00	0.00	00.00	0.00	00.00	0.00	0.00	00.00
	mpXYL, ug		0.00	00.00	00.00	0.00	00.00	00.00	00.00	00.00	00.00	00.00	0.03	00.00	00.00	00.00	00.00	90.0	0.00	0.03	00.00	90.0	0.00	0.00	0.03
	EtBENZ, ug	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	00.00	0.00	0.00	0.00
	TOL, ug	0.03	0.00	0.00	0.07	0.00	0.00	0.13	0.14	0.07	90.0	1.05	0.78	0.00	0.0	0.00	0.28	0.44	0.89	0.12	90.0	1.05	0.23	0.14	0.03
	BENZ, ug		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0	0.00	0.00	0.00	0.0	0.00	0.00	0.15	0.00	0.00	0.00	0.15	0.00	0.00	0.00
	BTEX, ug	0.05	0.00	00.00	0.07	0.00	0.00	0.13	0.14	0.07	90.0	1.05	0.80	0.00	0.00	0.00	0.28	0.64	0.89	0.15	90.0	1.05	0.23	0.14	90.0
DATE	ANALYZED		12/09/96	12/09/96	12/09/96	12/09/96	12/09/96	12/09/96	12/09/96	12/09/96	12/09/96	12/09/96	12/10/96	12/10/96	12/10/96	12/10/96	12/10/96	12/10/96	12/10/96	12/10/96	12/10/96	٥	12/09/96	12/10/96	12/09/96
MODULE	NUMBER	MDL =	129518	129519	129520	129521	129522	129523	129524	129525	129526	129527	129528	129529	129530	129531	129533	129534	129535	129536	129537	MAX. DETECTED	1B1 - 129538	TB2 - 129539	method blank

Note: Phenanthrene, Anthracene, Fluoranthene, and Pyrene were quantitated using responses from Fluorene. 12/20/96

VNRPT.xls

GORE SORBER SCREENING SURVEY ANALYTICAL RESULTS ABB ENVIRONMENTAL SERVICES, PORTLAND, ME GORE EXPANDED TARGET VOCS/SVOCs (A4) NATIONAL GUARD BASE, PUERTO RICO PRODUCTION ORDER #070694

	TCE, ua	0.02	0.0	0.00	000	000	000	0.00	0.0	0.0	0.00	0.00	000	0.0	0.0	0.00	0.0	0.0	0.0	0.0	0.00	0.00		00.0	0.00		0.00
	CCM. NO	900	0.00	0.00	00.0	00.0	0.00	0.00	0.00	0.00	0.00	0.00	0.0	0.00	0.00	0.00	000	0.00	0.0	0.00	0.00	0.00		00.00	0.00		0.0
	MTBE, ug	0.16	0.00	0.0	0.00	0.00	0.00	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	00.0	0.00	0.00	0.00	0.0	0.0		00.0	0.0		0.00
	12DCA, ug	0.02	00.0	00.0	0.00	0.00	00.0	00.0	0.00	0.00	0.00	00.0	0.00	0.00	0.00	0.0	0.00	00.0	0.00	0.00	0.00	0.00		00.0	0.00		0.00
	111TCA, ug	0.05	0.00	00.0	0.00	00.00	00.0	00.0	00.0	00.0	0.00	00.0	00.0	00.00	0.00	0.00	0.00	0.00	0.0	0.00	00.00	0.00		0.0	00.00		0.00
	PCE, ug		0.00	0.00	0.0	0.33	00.00	0.0	0.00	0.00	0.0	0.0	000	0.00	0.0	0.00	00.0	0.0	8.0	0.00	0.00	0.33		0.0	0.00		0.00
	CHCI3, ug	0.01	0.00	0.22	0.18	0.00	0.00	0.0	0.08	0.07	0.14	0.0	0.00	0.0	0.0	0.28	0.00	0.00	00.00	0.00	0.00	0.26		0.00	0.00		00.00
	c12DCE, ug	0.02	0.00	0.00	0.00	0.00	0.00	0.0	0.00	0.00	00.0	0.00	00.00	0.00	00.0	00.00	0.00	00.0	0.00	00.00	0.00	8.0		0.00	0.00	-	00.00
	11DCA, ug	0.01	00.00	00.00	0.00	0.0	0.00	00.0	0.00	0.00	0.0	0.00	00.0	00.00	0.00	800	0.00	0.00	0.00	0.00	0.8	0.0		00.00	0.0		0.00
	t12DCE, ug		00.00	0.00	0.00	0.00	00.0	00:00	00.0	0.00	0.0	0.00	0.00	0.00	0.00	0.8	0.00	0.00	0.00	0.00	0.0	0.00		0.0	0.0		0.00
	124TMB, ug	0.02	00.00	00.00	0.00	00.00	00.00	0.00	00.0	00:00	0.0	0.00	0.00	0.00	0.00	0.00	8	0.05	0.00	0.00	0.00	0.05		00.0	0.00		0.00
	135TMB, ug	0.02	0.00	0.00	0.00	0.00	0.00	0.0	0.00	0.00	8.0	8.0	0.00	0.0	0.0	0.0	0.0	0.05	8.0	000	0.0	0.05		800	0.00		0.00
	TMBs, ug	0.05	800	80	0.00	0.0	0.0	0.0	0.0	0.0	8	0.0	0.0	0.0	0.0	8	0.00	0.08	0.00	80	8	980	000	3	8		000
	2MeNAPH, ug	0.03	0.00	0.00	0.00	0.00	0.00	00.00	0.00	0.00	00.0	0.0	8.0	0.0	0.0	0.0	00.0	00.0	000	0.0	0.00	0.0	000	3	00.0		0.00
MODULE	NUMBER	MDL =	129518	129519	129520	129521	129522	129523	129524	129525	129526	129527	129528	129529	129530	129531	128533	129534	129535	129536	129537	MAX. DETECTE	TD4 420520	000871 - 101	TB2 - 129539		method blank

GORE SORBER SCREENING SURVEY ANALYTICAL RESULTS ABB ENVIRONMENTAL SERVICES, PORTLAND, ME GORE EXPANDED TARGET VOCs/SVOCs (A4) NATIONAL GUARD BASE, PUERTO RICO PRODUCTION ORDER #070694

1											Petroleum
1	OCT, ug	OCT, ug CIBENZ, ug	14DCB, ug	Acenaphthylene, ug	Acenaphthene, ug	Fluorene, ug	PHEN, ug	PHEN, ug Anthracene, ug	Fluoranthene, ug	Pyrene, ug	Hydrocarbons, ud
	0.05	0.05	0.05	0.05		0.07	0.04	0.10	_		
	0.00	0.00	0.00		0.02		0.00				1.48
129519	0.00	0.00	0.00	00.0		0.00	0.00		00.0	000	
	0.00	0.00	0.00	00:0			0.00				
	0.00	00.00	0.00	00.0		0.00	0.00			000	
	0.00	00.00	0.00	00.0	0.00		0.00				
	0.00	0.00	0.00	00.0			0.00			000	
	0.00	0.00	0.00	0.00	00.0		0.00				
	0.00	0.00	0.00	00.0			0.00			000	
	0.00	0.00	0.00	00.0		00.00	0.00				
	0.00	00.00	0.00	00.0	0.00	00.00	0.00		0.00	0.00	
	0.00	0.00	0.00	0.00		0.00	0.00				
1	0.00	0.00	0.00	00.0	00'0	00.0	0.00	0.00	0.00		
1	0.00	0.00	0.00	00:0	00.0	00.0	0.00	0.00			
+	0.00	0.00	0.00	0.00	00.0	0.00	0.00	0.00			0.81
1	0.00	0.00	0.00	0.00	00.00	0.00	0.00	0.00			2.70
+	0.17	0.00	0.00	00:0	00.0	00.00	0.00	00.00			37.78
+	0.00	0.00	0.00	0.00	0.00	00.0	0.00	0.00	0.00	0.00	8.05
129536	0.0	0.00	0.00	00.0	0.00	0.00	0.00	00.0			2.40
+	0.00	0.00	0.00	0.00	00.0	0.00	0.00	0.00	00.0	0.00	1.07
MAX DETECTE	0.17	0	000	000		000					
-	5	3	3	0.00	0.02	0.00	0.00	0.00	00:0	0.00	37.78
TB1 - 129538	00.0	0.00	0.00	0.00	0.00	0.00	0.00	000	00 0	000	4 52
TB2 - 129539	0.00	00.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1 82
method blank	0.00	0.00	0.00	0.00	00.00	0.00	0.00	0.00	000	000	00.0

Note: Phenanthrene, Anthracene, Fluoranthene, and Pyrene were quantitated using responses from Fluorene. 12/20/96

VNRPT.xls

GORE-SORBER® Screening Survey Chain of Custody

For W.L. Gore & Associ	ates use only
Production Order #	78694



W. L. Gore & Associates, Inc., Environmental Products Group

101 Lewisville Road • Elkton, Maryland 21921 • Tel: (410) 392-3300 • Fax (410) 996-3325

Instructions: Customer must com	plete <u>Al</u>	L shad	ded cells			
Customer Name: ABB ENVIRCAINE	VTHL S	EXJIC ES	Site Name:	NATIONAL GO	LARD BA	SE
Address: 110 FREE ST			Site Address:			
PORTLAND ME	84112	7050		PLIERTO RICE	٥	
(ROD PENDLETON)			Project Manager:	JUAN CRU	Z	
Phone: 207 775 5400			Customer Project No			
FAX: 207 772 4762			Customer P.O. #: N	E 6464376 Qu	ote #: <u> </u>	846
Serial # of Modules Shipped			# of Modules for Ins	stallation 20 #	of Trip Blank	s 2
# 129518 through # 1	29539		Total Modules Ship	ped: 22	Piec	es
# through #			Total Modules Rece	ived: 22	Piec	es
# through #			Total Modules Insta	lled: 20	Piec	es
# through #			Serial # of Trip Blan	iks (Client Decides)	#	
# through #			#	#	·#	
# through #			#	#	#	
# through #			# -	#	#	
Installation Performed By:				s) (circle those that a	pply):	
Name (please print): Swott Donelick			Slide Hammer	Hammer Drill	Auger	
Company/Affiliation: ABB ES			Other: Geoprate	pash hole		
Installation Start Date and Time: 11-16-96		/	/	1425:	AM/PM	
	17-96	1	/	11:48	AM)PM	
Retrieval Performed By: Name (please print): Soft Deviction	. <i>L</i>		Total Modules Retri		Piec	
Transfer Prints	<i></i>		Total Modules Lost		Piec	
Company/Affiliation: ABB ES			Total Unused Modu	les Returned:2	Piec	es
Retrieval Start Date and Time:		13	1 96	7:54	AM) PM	
Retrieval Complete Date and Time:	12		196	9:10	AM PM	
			ending Completion of	Lab Analysis []		
	r write "No malyte #2:	one", if ap	oplicable.	Analyte #3:		*
•	maryte #2.			Allalyte #3.		
Other Instructions, if any:	1 2	T:	D : : 1D /	7: 11	Deta	Т:
Relinquished By Chambian	Date		Received By:		- Date //- /L. 'K.	Time ට E එථ
Affiliation: W.L. Gore & Associates, Inc.	11/5/94		Affiliation:	ABB-ES		Time
Relinquished By Anthony	Date 12-3-96	Time /600	Affiliation:		- Date	1 mile
Affiliation: ABB ES	Date	Time	-		Date Date	Time
Relinquished By Affiliation	Date	THIE	Affiliation: WI) fondum ore & Associates, Inc		12:30
Attitidion	Tom	a contract	of Samples When F			°C
	Leini	Jeraiure	or samples when t	cceived by Gore	6.2	<u> </u>

WTC 3

		R [®] Screening	. •	_		& LOC			
Insta	illation and	Retrieval Log	.	FOR	TALLE	N ALE	HETO I	RICO	
,		•							<u>, , , , , , , , , , , , , , , , , , , </u>
Page	of		·				2.1		the state of the s
LINE #	MODULE#	INSTALLATION DATE/TIME	RETRIEVAL DATE/TIME	HYDR HYDI (Cha	DENCE OF ROCARBO or ROCARBO ack as appro	NS (LPH) N ODOR opriate)	WA (chec	ULE IN TER :k one)	COMMENTS
				LPH	ODOR	NONE	YES	NO	
1.	1	11-16 46 / 1425	12-3-16/085E					V	5V-M9-01 10pp
3.		1176-76/1434	10901						SV-M9-02/0,p
4.		11-16-96/1439	/ 0903			<u> </u>	ļ	1	5V-M9-05 (000)
5.	1	117676/ 1436	10907			V	<u> </u>	~	5:-M4-04/2 par
6.		11-16-96/153	/0910	-		<u> </u>	<u> </u>	V	51-M9-05(0)0
7.		11-16-91/1515	10910	 		<u>'</u>		V	SI-MG-DE/GOD
8.		11/196/0941	10810					1	Sid-Uns-CI (dpp.
9.		1177-16/0922 11-17-16/0931	10808	-		V		-	אפפע) בט כש- יו
10.	129526	4-1746/1002	10830			V		-	Sy-wa-cs (epp.
11.		11-17-46/1055	10831			- V			SU-R-01 18 ppm
12.		11-17-4/1047	10833					V	SV K VZ (Bppm
13.		4-17-96/1040	1083			レ		1	SPC-CY (ppg n
14.		11176/0752	10836			V		1/	5.1 1C-05 (10 pgm
15. NH		1-17-6/1131	NOT LOCATED			-		~	SV-PH-OI (X MA
16.		11-17-6/1136	10843			V	i	~	54-PH-02 10-0pm
17.		11-1746/1142	10874			~		~	5:-PH-03 (60M
18.		11-17-96/ 1148	/0825			V		V	Si-A-04 (100m
19.		11-17-76/1118	10754			~	/		51-08-01 / \$100
20.	1245374	11-1796/1107	y /0756			V	~	بمغلق	
21.									
22.									
23.									
24.									
25.									
26.									
27.									
28.								<u> </u>	
29. 30.									
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41.									
42.									

MONITORING WELL COMPLETION DIAGRAMS

ABB Environmental Services, Inc.

W001976APP

	CONSTRUCTION DIAGRAM
Project No. <u>09890.03</u> Boring No. <u>P</u>	AOC-3 Driller Soil Tech 1W-03-01 Drilling Method HSA 11 (15/96 Development Method B-K pump Hand pump / surge
Ground Elevation	Stick-up of Casing Above Ground Surface: 4 ft. Type of Surface Seal/Other Protection: GROUT STEEL POST Type of Surface Casing: 4-inch STEEL ID of Surface Casing: 4-inch Diameter of Borehole: 10 '/4" Riser Pipe ID: 2 " Type of Riser Pipe: Sch. 40 PVC Type of Backfill: Cement - Bentonite Grout Depth of Top of Seal: 15 Type of Seal: Bentonite Pellets Depth of Top of Sand: 20 Depth of Top of Screen: 5ch. 40 PVC Slot Size x Length: 0,010 x 15 Type of Sandpack: 4 Z W. G. Morrie Sand Depth of Bottom of Screen: 40 Depth of Sediment Sump with Plug: 0 Depth of Bottom of Borehole: 42 Depth of Bottom of Borehole: 42

MONITORING WELL CONSTRUCTION DIAGRAM Project Fort Allen SI AOC-3 Study Area Driller Boring No. MW-03-02 Project No. 09890, 03 Drilling Method Date Installed 11 / 16 / 96 Development Method __ M. ALONSO Field Geologist Stick-up of Casing Above Ground Surface: ____ Type of Surface Seal/Other Protection: Grout / Stee / Past Ground Elevation Type of Surface Casing: 4- inch steel ID of Surface Casing: 4 · inch Diameter of Borehole: ______10 1/4 Riser Pipe ID: ____ Type of Riser Pipe: ____ Sch. 40 PVC Type of Backfill: Cement - Bentonite Grout Type of Seal: Bentonite Pellets Depth of Top of Sand: ______/5 Depth of Top of Screen: _____ Zo 1 Type of Screen: Sch. 40 PUC Slot Size x Length: 0.010 ID of Screen: Type of Sandpack: # Z W. G. Morie SANd Depth of Bottom of Screen: 35 Depth of Sediment Sump with Plug: 37' Depth of Bottom of Borehole:

MONITORING WELL CONSTRUCTION DIAGRAM Project Fort Allen SI Soil tech AOC 8 Study Area Driller Project No. 09890, 03 Boring No. <u>MW-08-01</u> AZH Drilling Method Development Method B-K pump 11/14/96 Date Installed Field Geologist M. Alouso Hand pump / surge. Stick-up of Casing Above Ground Surface: ___ Type of Surface Seal/Other Protection: Grout Steel Past Ground Elevation. Type of Surface Casing: 4-inch Steel ID of Surface Casing: 4-inch Riser Pipe ID: _____ Z " Type of Riser Pipe: Sch. 40 PVC Type of Backfill: Cement - Bentonite Grout Depth of Top of Seal: _____ Type of Seal: Bentonite Pellets Depth of Top of Screen: _____/5 Type of Screen: _____Sch. 40 PVC Slot Size x Length: 0.010 1 x 15' ID of Screen: Z" Type of Sandpack: #7 W.G. Morie Sand 30. Depth of Bottom of Screen: Depth of Sediment Sump with Plug: 301 Depth of Bottom of Borehole:

Project No. <u>09890.03</u> Boring No.	MW-09-01 Driller Soil Tech MW-09-01 Drilling Method HSA 11/17/96 Development Method B-K pump Hand pump suna.
Ground Elevation	Stick-up of Casing Above Ground Surface:

- ABB Environmental Services, Inc. -

WELL DEVELOPMENT RECORDS

ABB Environmental Services, Inc.

W001976APP 9890-05

	WELL D	EVELOPMEN	NT REC	ORD		
Project: Fort Aller	y SI	Well Installation D	ate:	115/96		Project No. 09890, 03
Client: US AEC		Well Development	t Date:	120/96	Logged by: H. Alonso	Checked by:
Well/Site I.D.: MW-03-	.01	Weather: Hot	humit	Clears	Start Date: /// Zo/96	Finish Date: (1/20/96
Well Construction Record Da Bottom of Screen		Weil	Diameter	Z in.	Start Time: /330	Finish Time:
Sediment Sump/Plug		om Ground Surface	e□ From	Top of Riser 🖭	/	1550
Screen Length	/5 ft.	Fluids Lost durinn	g Drilling	O gal.		
Protective Casing Stick-up	4 ft. Protecti	ve Casing/Well Diff.	0) ft. PID Read	dings: Ambient A	D,O ppm
Well Levels:	Sedir	nent:				
Initial	30,30 _{t.} We	ll Depth before Dev	elopment	44.20 _{ft.}	(from top of PVC)
End of Development	3015tt. We	ll Depth after Devel	opment	43,90t.		
24 Hours after Development	ft. Sec	diment Depth Remo	ved	N/A .ft.		
HT of Water Column	/3.9 ft. × = 1	.39*		. 19,32gal./vol.	*for 2" HSA Ins	stalled Wells
☐ Dedicated Submersible I☐ Surge Block☐ Bailer ☐ 2" ☐☐ Grundfos Pump 2"	Total	oximate Recharge F	Rage	<i>N</i> /4 gpm ≥ / 1 ○ gal.		
Notes: All parameter de la	ters measured into idity which proper with a pure pure mith a pure mp.	STADO hized is high. operated mult op surge Yes No	- S - W - T	Vell water clear to dediment thickness vell is <1.0% of so otal water remover f 5x calculated we x drilling fluid los	es remaining in creen length red = a minimum ell volume plus	Yes No Of D
Water Parameter Measureme	ents					
Record at start, twice during an Time	7.18 7.12 7.07 7.01	Z7.6 C O. 28.2 C O. 27.0 C O. 27.1 C	594 577 580 575	Turbidity F 774 794 999 999 999	Estimated Pumping Rate 3 gpm. 3 gpm. 3 gpm. 3 gpm. 3 gpm.	Estimated Recharge Rate
Well Developer's Signature	Money Him	70	_	APD F	onmental Servi	iano Inc.

	WELL D	EVELOPMENT REC	ORD		
Project: Fort Allen	(* *	Well Installation Date:	11/16/96		Project No.
Client:	34	Well Development Date:	4 10 115	Logged by:	0/48/90, 03 Checked by:
U.S. AEC			296	M. Alonso	
Well/Site I.D.: MW- 03-	50	Weather:		Start Date: ///20/96	Finish Date: 11/21/96
Well Construction Record Data:		Well Diameter	Z in.	Start Time:	Finish Time:
Bottom of Screen	36 n -	rom Ground Surface 🗅 From		11/9/196 /7	
Sediment Sump/Plug	#L	om Ground Surface Li From	lop of Hiser 🗷	יין וואןויי	
Screen Length	15 n	Fluids Lost durinng Drilling	N/A gal.		
Protective Casing Stick-up	4 ft. Protecti	ve Casing/Well Diff.	ft. PID Read		U,U ppm
				Weil Mout	h 0,0 ppm
Well Levels:	Sedir	nent:			
Initial 11/21/96 26.8	30,20 ft. We	Il Depth before Development	39.0 ft.	(from top of PVC)
End of Development	39,80ft We	il Depth after Development	39,80 m.		
24 Hours after Development	N/A ft. Sex	diment Depth Removed	0.80 ft.		
HT of Water Column	8.8 ft × 12.1	.39*	/2,23 gal./vol.	*for 2* HSA Ins	stalled Wells
Equipment: Dedicated Submersible Pun Surge Block Bailer 2 2 D Grundfos Pump 2 4	np Appro	eximate Recharge Rage Gallons Removed	μ(♣ gpm ∠Z gal.		
Well Development Criteria Met: Notes: Well has regard to mets and total We will developed	Liuside , mode	gustinuolle. " s steel "T	Vell water clear to sediment thicknes well is <1.0% of so otal water remove	s remaining in creen length ed = a minimum	Yes No.
End of Well Development Samp			f 5x calculated wo x drilling fluid lost	•	
Water Parameter Measurements					
Record at start, twice during and a Time Total Gallons	pH 1	ent (minimum): Femp. Conductivity MA NA	Turbidity P	Estimated umping Rate F	Estimated Recharge Rate
beiler. The bailer	more use	for 12 tilus or Water	nova we ad the property	the state of the same of the s	est obtained
			ARR Enviro	nmental Servi	ces inc

	WELL D	EVELOPMENT REC	ORD		
Project: Fort Allen	2 SI	Well Installation Date:	16/96		Project No. 09890, 03
Client: U.S. A.E.C.		Well Development Date:		Logged by: M. Almo	Checked by:
Well/Site 1.D.: <i>MW - 03</i>	.02	Weather: Choudy hot	humid.	Start Date:	Finish Date:
Well Construction Record Data		Well Diameter	7	Start Time:	Finish Time:
Bottom of Screen	36 ft. 7		in.	1330	14:00
Sediment Sump/Plug	ft. Fro	om Ground Surface 🗅 From	Top of Riser 🗹		0750
Screen Length	15 ft.	Fluids Lost durinng Drilling	N/A gal.		
Protective Casing Stick-up	4 ft. Protectiv	ve Casing/Well Diff.	ft. PID Read	dings: Ambient A	O,O ppm
Well Levels:	Cadia				O.0 ppm
Initial	Sedin		74.0	(from top of PVC	1
	- 5/00 _{11.}	Depth before Development	39,0 ft.	· ·)
End of Development	7 1,00 n.	Depth after Development	39,8 ft.		
24 Hours after Development	10 po 16	liment Depth Removed	0,80 ft.		
HT of Water Column	12.7 ft. × 1.	39* =	16, % gal./vol.	*for 2* HSA Ins	talled Wells
Equipment: Dedicated Submersible Pu Surge Block Bailer D2" Grundfos Pump 2" Well Development Criteria Met: Notes: The well dry Rechalge was mu	Total (12 baikrs 14 gpm "	gal. Vell water clear to sediment thicknes vell is <1.0% of so total water removing 5x calculated with x drilling fluid lost	o unaided eye se remaining in seen length ed = a minimum ell volume plus	Yes No
End of Well Development Samp		Yes No	,		
Water Parameter Measurement Record at start, twice during and Time Total Gallons N/A N/A	s at the end of developmen	nt (minimum): emp. Conductivity	Turbidity P	Estimated umping Rate R	Estimated echarge Rate
Water parameter had larce annous Well Developer's Signature	rs were not rts of silts & Manual A	obtained since clay		tr recove	

	WELL D	EVELOPMENT REC	CORD		
Project: Fort Allen	IZ	Well Installation Date:	11/14/96		Project No. 0 9890 03
Client: USAEC		Well Development Date:	11/20/96	Logged by: M. Alemso	Checked by:
Well/Site I.D.: MW - 08 - 0	1 /	Weather:		Start Date: 11/20/96	Finish Date:
Well Construction Record Data:	· · · · · · · · · · · · · · · · · · ·	Cloudy hot h		Start Time:	Finish Time:
Bottom of Screen		Wen Diameter	Z in.	1030	1127
Sediment Sump/Plug	N/A n. Plug	om Ground Surface D Fro	m Top of Riser Œ∕	/	
Screen Length	15 tt.	Fluids Lost during Drilling	PlA gai.		
Protective Casing Stick-up	4 ft. Protection	ve Casing/Well Diff.	O ft. PID Read		0.0 ppm
		. •		Well Mout	0.0 ppm
Well Levels:	Sedin	nent:			
Initial	20,40 ft. Wel	l Depth before Development	34.17 n.	(from top of PVC	;)
End of Development	2024 ft. Wel	Depth after Development	34.20tt.		
24 Hours after Development	ft. Sed	iment Depth Removed	0,03 n.		
HT of Water Column	13.77 ft. × 1.1	39*	19,19bai./vol.	*for 2* HSA Ins	talled Wells
Equipment: Dedicated Submersible Purific Surge Block VK production Bailer Development Criteria Met: Notes: The fuebility of high It is not clear. End of Well Development Samp	BK pasp. (he the developed or to unarted developed devel	meter is	gpm /03 gal. Well water clear to Sediment thickness well is <1.0% of so Total water remove of 5x calculated with the sediment of 5x drilling fluid loss.	is remaining in creen length ed = a minimum ell volume plus	Yes No
Record at start, twice during and a Time Total Gallons 1050 25 1056 20 (45) 1103 19 (64) 1109 18 (82) 1116 21 (63)	7.08 Z 7.19 Z 7.26 Z 7.71 Z	nt (minimum): emp.	Turbidity 999 999 999 766 862	Estimated cumping Rate R 3 g pm	Estimated lecharge Rate
in the second se		7	ARR Envis	nmental Sandi	nee Inc

	WELL	DEVELO	PMENT REC	CORD		
Project: 7/5 AFC / Fa	et Allen SI	Well Insta	allation Date:	11/17/96		Project No.
Client:	of Miley 31	Well Dev	elopment Date:	, ,	Logged by:	09890,03 Checked by:
USAEC		Weather:		1/20/96	H. Alonso	
Well/Site I.D.: MW-09	-01	1	Cloudy, hot.	humid	Start Date: 11/20/96	Finish Date:
Well Construction Record Da	ata:		Well Diameter		Start Time: 0739	Finish Time: 0856
Bottom of Screen	25 ft.		d Surface 🗹 From		0137	0006
Sediment Sump/Plug		lug 24"	Surface 🗷 From	n Top of Riser ⊔		
Screen Length	15 ft.	V	st durinng Drilling	ν/ _{A gal.}		
Protective Casing Stick-up	4 ft. Protec	tive Casing/	Well Diff.	ft. PID Rea	dings: Ambient	Air 0.0 ppm
	-7 a.			11.	Well Mou	
Well Levels:	Sed	iment:				О/О ррии
Initial			fore Development	30, 42 ft.	(from top of PV	C)
End of Development		ell Depth aft	ter Development	30, 10 _{ft.}		
24 Hours after Development		ediment Dep	th Removed	0,32 ft.		
HT of Water Column	13,52 ft. ×	1.39*		/8.79 gai./vol.	*for 2* HSA in	nstalled Wells
Dedicated Submersible Surge Block Bailer 2" Grundfos Pump 2" Well Development Criteria M Notes: The turbidity for the lost sample End of Well Development Sa Water Parameter Measurement	Tota 4" Bh Pu et: 1 the metr is it (89 NATE) mple (1 pint) Collected?	Yes No	x cept	gpm IDE gal. Well water clear to the sediment thickne well is <1.0% of some sediment thickness thic	ss remaining in creen length ved = a minimum vell volume plus	Yes No
Record at start, twice during ar		ent (minimu	•		Estimated	Estimated
Time Total Gallor		Temp. 28, 1 %	Conductivity 0, 801	Turbidity F	Pumping Rate	Recharge Rate
0819 19 (28, D°C	0.785	999	3 9 000 .	
		28 3°C	0.803	999	3904-	
	- 1	27,8%	0,801	999	3 9 04.	
0856 20 (7.02	28,3%	0.781	89	s gpun.	
Well Developer's Signature	Mount Home			ADD Easter	onmental Serv	dood Inc.

GROUNDWATER SAMPLING DATA RECORDS

ABB ENVIRONMENTAL SERVICE	ES, INC.					PAGEOF
FIELD DATA RECORD -	GROUNDW	ATER SAMP	LING			
PROJECT FORT ALLEN.	PR		JOB NUMBER	9890-03		DATE 12-4-96
WELL ID MW-03-			ACTIVITY	0 - 10		BOTTLE TIME 1030
SAMPLE ISIS ID MO30	126X		TIME START C	280'7 EN	0 /022	TIME 1030
	PLICATE ID					
COLLECTED	MSID					
	MSD ID					
WATER LEVEL / WELL DATA MEASURED WELL DEPTH 43.90 FT (TO	COPER	тн <u> </u>	PROTE CASING (FROM	GROUND) 3	CASIN	G/WELL O.06 FT
WATER 30.12 FT (T	OR) LENGTH	15 F		TER Z	IN MATE	RIAL PVC
HEIGHT OF WATER COLUMN 13.78	FT x □ 0.65 G	AL/FT (2 IN) AL/FT (4 IN) = AL/FT (6 IN)	19.15	GAL/VOL NT AIR	TOTAL VOLUME F	95.77 GAL MOUTH - PPM
PURGE DATA						
PURGE VOLUME (gallons)	19	38	57	76	95	SAMPLE OBSERVATIONS:
TEMPERATURE (degreesC)	23	23	23	23	22.5	X CLEAR
pH (units)	6.25	6.22	6.28	6.26	6.25	COLORED
TURBIDITY (ntu)	2.08	0.44	0.24	0.20	0.66	CLOUDY
SPEC. COND. (uhmos/cm)	505	507	513	523	522	TURBID
DISSOLVED OXYGEN (mg/L)	-					ODOROTHER (see notes)
REDOX POTENTIAL						OTHER (See Hotes)
BLADDER PVC/SILIC TEFLON/S WATTERA IN LINE FILI PRESS/VA	BLE PUMP PUMP ON TUBING ILICON TUBING TER	DECON FLUIDS UMETHANO LIQUINOX POTABLE VI DEIONIZEI HEXANE NITRIC AC	WATER D WATER	<u>×</u>	ATER LEVEL EQUIPME ELECTRIC COND. FLOAT ACTIVATE KECK INTERFACE	PROBE D E PROBE
ANALYTICAL PARAMETERS	V	ETHOD	PRESERV	ATION VOLU	ME SAMPLE	SAMPLE BOTTLE
VOCs SVOCs Inorganics TPH-GRO TPH-DRO	NI VM SM Se USE USE	UMBER FILT IS1-WA IV1-WA ee below PA 8015A PA 8015A	ERED METH HCL pl 4°C HN03 p HCL pl 4°C	OD REQUII H<2 (3) 40 ; (2) 1L H<2 (1) 1 L I H<2 (3) 40	RED COLLECTE Inil	D ID NUMBERS
NOTES SIGNATURE: Sept.	Dnelic	h	_			
RECEIVED BY:			-			
W9610016D(s)					ABB Env	rironmental Services, Inc.

50-A1151		BB ENVIRONMENTAL SERVICES, INC.				
FA- ALL 543	FIELD DATA RECORD - GROUNDWATER SAMPLING					
PROJECT FORT ALLEN, PR JOB NUMBER 9890-03 DATE 12-4-96						
WELLID MUI-03-02 ACTIVITY BOTTLE						
	2 10 10 11		TIME START (0720 EN	6727	TIME 0906
SAMPLE ISIS ID MO307						
COLLECTED DU	MS ID					
COLLEGIES	MSO IO					
WATER LEVEL / WELL DATA						POTCOTA E
MEASURED // F/	HISTORICA			STICKUP		ROTECTIVE ASING/WELL IFFERENCE -0.04 FT
WELL DEPTH 40.56FT (TO	_	THF	_	GROUND) 5.0		
DEPTH TO 26.84 FT (TO		15 FT	DIAME	TER		ATERIAL PVC
HEIGHT OF	Z 1:39	AUFT (2 IN)				
WATER COLUMN 13.72	FT x . 065 G	ALIFT (4 IN) =	19.07	GALNOL	TOTAL VOLU	ME PURGED 95.35 GAL
	1.5 GA	L/FT (6 IN)	AMBIE	TAIR -	PPM W	VETT WONTH
			AMSE	NI AR	PPMI W	cem cem
PURGE DATA						1
PURGE VOLUME (gallons)	O (initial)	3	3.5			SAMPLE OBSERVATIONS:
TEMPERATURE (degreesC)	23	23	23			CLEAR
pH (units)	6.21	6.24	6.26			COLORED
TURBIDITY (ntu)		OUT OF PRANTE				X TURBIO Silty
SPEC. COND. (uhmos/orn)	593	583	588			ODOR
DISSOLVED OXYGEN (mg/L)						OTHER (see notes)
REDOX POTENTIAL] [0,72,(22,12,12,12)
EQUIPMENT DOCUMENTATION						
EQUIPMENT DOCUMENTATION	WATER LOCAL POWER THE CO.					
PURGING SAMPLING		DECON FLUIDS U		WA		
PURGING SAMPLING PERISTAL'SUBMERS	BLE PUMP	METHANO	L	WA X	PLOAT ACTIV	OND. PROBE /ATED
PURGING SAMPLING PERISTAL'S SUBMERS BLADDER	BLE PUMP	METHANO LIQUINOX POTABLE DEIONIZE	L WATER	WAX	PLOAT ACTIV	OND. PROBE
PURGING SAMPLING PERISTAL SUBMERS BLADDER PVC/SILIC	BLE PUMP PUMP	METHANO LIQUINOX POTABLE DEONIZE HEXANE	WATER D WATER	WA K	PLOAT ACTIV	OND. PROBE /ATED
PURGING SAMPLING PERISTAL' SUBMERS BLADDER PVC/SILIC TEFLONS WATTERA	BLE PUMP PUMP ON TUBING LICON TUBING	METHANO LIQUINOX POTABLE DEIONIZE	WATER D WATER	X	PLOAT ACTIV	OND. PROBE (ATED FACE PROBE
PURGING SAMPLING PERISTAL' SUBMERS BLADDER PVC/SILIC TEFLONS WATTERA	BLE PUMP PUMP ON TUBING LICON TUBING	METHANO LIQUINOX POTABLE DEONIZE HEXANE	WATER D WATER	X	ELECTRIC CO FLOAT ACTIV KECK INTER	OND. PROBE (ATED FACE PROBE
PURGING SAMPLING PERISTAL' SUBMERS BLADDER PVC/SILIC TEFLONS WATTERA	BLE PUMP PUMP ON TUBING LICON TUBING TER C FILTER BASTEY	METHANO LIQUINOX POTABLE DEIONIZE HEXANE NITRIC AC	WATER D WATER EID	NU.	ELECTRIC CO FLOAT ACTIV KECK INTERIOR	OND. PROBE (ATED FACE PROBE S USED
PURGING SAMPLING PERISTAL' SUBMERS BLADDER PVC/SILICY TEFLONS WATTERA IN LINE FIL PRESSAVA TCF ICA	BLE PUMP PUMP ON TUBING LICON TUBING TER C FILTER BAJIEY	METHANO LIQUINOX POTABLE DEIONIZE HEXANE NITRIC AC ETHOD AMBER EILT	WATER D WATER ED PRESERV	NUI	ELECTRIC CO FLOAT ACTIV KECK INTERIOR MBER OF FILTER	OND. PROBE (ATED FACE PROBE S USED
PURGING SAMPLING PERISTAL SUBMERS BLADDER PVC/SILIC TEFLONS WATTERA IN LINE FRESSWA TCF Ign ANALYTICAL PARAMETERS	BLE PUMP PUMP ON TUBING LICON TUBING TER C FILTER BAJIEY M	METHANO LIQUINOX POTABLE I DEONIZE HEXANE NITRIC AC	WATER D WATER DD PRESERN	NUI	ELECTRIC CO FLOAT ACTIV KECK INTERIOR MBER OF FILTER	OND. PROBE (ATED) FACE PROBE S USED
PURGING SAMPLING PERISTAL' SUBMERS BLADDER PVC/SILICY TEFLONS WATTERA IN LINE FIL PRESSAVA TCF ICA	BLE PUMP PUMP ON TUBING LICON TUBING TER C FILTER BAJIEY MI SI	METHANO LIQUINOX POTABLE DEFONIZE HEXANE NITRIC AC ETHOD JAMBER IS1-WA IV1-WA e below	WATER D WATER 2D PRESERV ERED METH HCL p 4°C HN03 p	/ATTION VOLUM OO REGULE H-2 (3) 1L 2 H-2 (1) 1L F	ELECTRIC CO FLOAT ACTIV KECK INTERIOR	OND. PROBE (ATED) FACE PROBE S USED
PURGING SAMPLING PERISTAL SUBMERS BLADDER PVC/SILIC TEFLON/S WATTERA IN LITER PRESS/A PRESS/A TCF/D/ ANALYTICAL PARAMETERS VOCs SVOCs Inorganics TPH-GRO	BLE PUMP PUMP ON TUBING LICON TUBING TER C FILTER BASIEY M VI SI SI USE	METHANO LIQUINOX POTABLE DESONIZE HEXANE HITRIC AC ETHOD JMBER LIST-WA IV1-WA e below PA 8015A	WATER D WATER TO PRESERV ERED HCL p HCL p	MUI ATTION VOLUM OO REQUE H-2 (3) 1L 2 H-2 (1) 1L F H-2 (3) 40	ELECTRIC CO FLOAT ACTIV KECK INTERIOR INT	OND. PROBE (ATED) FACE PROBE S USED
PURGING SAMPLING PERISTAL SUBMERS BLADDER PVC/SILICO TEFLON/S WATTERA IN LINE FIL PRESS/VA ICF ICO ANALYTICAL PARAMETERS VCCs SVCCs Inorganics	BLE PUMP PUMP ON TUBING LICON TUBING TER C FILTER BASIEY M VI SI SI USE	METHANO LIQUINOX POTABLE DEFONIZE HEXANE NITRIC AC ETHOD JAMBER IS1-WA IV1-WA e below	WATER D WATER 2D PRESERV ERED METH HCL p 4°C HN03 p	/ATTION VOLUM OOD REGULE H-2 (3) 40 H-2 (1) 1L F H-2 (3) 40	ELECTRIC CO FLOAT ACTIV KECK INTERIOR INT	OND. PROBE (ATED) FACE PROBE S USED
PURGING SAMPLING PERISTAL SUBMERS BLADDER PVC/SILIC TEFLON/S WATTERA IN LITER PRESS/A PRESS/A TCF/D/ ANALYTICAL PARAMETERS VOCs SVOCs Inorganics TPH-GRO	BLE PUMP PUMP ON TUBING LICON TUBING TER C FILTER BASIEY M VI SI SI USE	METHANO LIQUINOX POTABLE DESONIZE HEXANE HITRIC AC ETHOD JMBER LIST-WA IV1-WA e below PA 8015A	WATER D WATER TO PRESERV ERED HCL p HCL p	MUI ATTION VOLUM OO REQUE H-2 (3) 1L 2 H-2 (1) 1L F H-2 (3) 40	ELECTRIC CO FLOAT ACTIV KECK INTERIOR INT	OND. PROBE (ATED) FACE PROBE S USED
PURGING SAMPLING PERISTAL SUBMERS BLADDER PVC/SILIC TEFLON/S WATTERA IN LINE PRESS/A PRESS/A ZEFIE/A ANALYTICAL PARAMETERS VOCS SVOCS Inorganics TPH-GRO	BLE PUMP PUMP ON TUBING LICON TUBING TER C FILTER BASIEY M VI SI SI USE	METHANO LIQUINOX POTABLE DESONIZE HEXANE HITRIC AC ETHOD JMBER LIST-WA IV1-WA e below PA 8015A	WATER D WATER TO PRESERV ERED HCL p HCL p	MUI ATTION VOLUM OO REQUE H-2 (3) 1L 2 H-2 (1) 1L F H-2 (3) 40	ELECTRIC CO FLOAT ACTIV KECK INTERIOR INT	OND. PROBE (ATED) FACE PROBE S USED
PURGING SAMPLING PERISTAL SUBMERS BLADDER PVC/SILIC TEFLONS WATTERA IN LINE FIL PRESSVA ICF ICA ANALYTICAL PARAMETERS VOCS SVOCS Inorganios TPH-GRO TPH-DRO	BLE PUMP PUMP ON TUBING LICON TUBING TER C FILTER BAJIEY MI SI SI USE USE	METHANO LIQUINOX POTABLE POTABLE DEFONIZE HEXANE NITRIC AC ETHOD JMBER FILT IS1-WA IV1-WA e below PA 8015A PA 8015A	WATER D WATER TO WATER TO WATER THE PRESENT METHOD AND HICLE HICLE APPLICATION APPLICATIO	MUI ATTION VOLUM OO REQUE H-2 (3) 1L 2 H-2 (1) 1L F H-2 (3) 40	ELECTRIC CO FLOAT ACTIV KECK INTERIOR INT	OND. PROBE (ATED) FACE PROBE S USED
PURGING SAMPLING PERISTAL SUBMERS BLADDER PVC/SILIC TEFLON/S WATTERA IN LITER PRESS/A PRESS/A TCF/D/ ANALYTICAL PARAMETERS VOCs SVOCs Inorganics TPH-GRO	BLE PUMP PUMP ON TUBING LICON TUBING TER C FILTER BAJIEY MI SI SI USE USE	METHANO LIQUINOX POTABLE POTABLE DEFONIZE HEXANE NITRIC AC ETHOD JMBER FILT IS1-WA IV1-WA e below PA 8015A PA 8015A	WATER D WATER TO WATER TO WATER THE PRESENT METHOD AND HICLE HICLE APPLICATION APPLICATIO	MUI ATTION VOLUM OO REQUE H-2 (3) 1L 2 H-2 (1) 1L F H-2 (3) 40	ELECTRIC CO FLOAT ACTIV KECK INTERIOR INT	OND. PROBE (ATED) FACE PROBE S USED
PURGING SAMPLING PERISTAL' SUBMERS BLADDER PVC/SILICY TEFLONS WATTERA IN LINE FIL PRESSAVA ICF ICA SVOCS Inforgenios TPH-GRO TPH-DRO Inorgenios: ICM1-WA, ICP1-WA	BLE PUMP PUMP ON TUBING LICON TUBING TER CFILTER BASIEV MM NS SI USE USE	METHANO LIQUINOX POTABLE DEFONIZE HEXANE HEXANE HITRIC AC INTRIC	WATER D WATER TO WATER PRESERV HCL p 4°C	/ATION VOLUM OOD REGULA H-2 (3) 40 H-2 (3) 40 H-2 (3) 40 C (2) 1L 4	ELECTRIC CO FLOAT ACTIV KECK INTERIOR I	OND. PROBE (ATED FACE PROBE S USED
PURGING SAMPLING PERISTAL' SUBMERS BLADDER PVC/SILICY TEFLONS WATTERA IN LINE FIL PRESSAVA ICF ICA SVOCS Inforgenios TPH-GRO TPH-DRO Inorgenios: ICM1-WA, ICP1-WA	BLE PUMP PUMP ON TUBING LICON TUBING TER CFILTER BASIEV MM NS SI USE USE	METHANO LIQUINOX POTABLE DEFONIZE HEXANE HEXANE HITRIC AC INTRIC AC ETHOD JMBER ENITRIC AC ETHOD JMBER FILT FI	WATER D WATER TO WATER PRESERV HCL p 4°C	/ATION VOLUM OOD REGULA H-2 (3) 40 H-2 (3) 40 H-2 (3) 40 C (2) 1L 4	ELECTRIC CO FLOAT ACTIV KECK INTERIOR I	OND. PROBE (ATED FACE PROBE S USED
PURGING SAMPLING PERISTAL' SUBMERS BLADDER PVC/SILICY TEFLONS WATTERA IN LINE FIL PRESSAVA ICF ICA SVOCS Inforgenios TPH-GRO TPH-DRO Inorgenios: ICM1-WA, ICP1-WA	BLE PUMP PUMP ON TUBING LICON TUBING TER CFILTER BASIEV MM NS SI USE USE	METHANO LIQUINOX POTABLE DEFONIZE HEXANE HEXANE HITRIC AC INTRIC AC ETHOD JMBER ENITRIC AC ETHOD JMBER FILT FI	WATER D WATER TO WATER PRESERV HCL p 4°C	/ATION VOLUM OOD REGULA H-2 (3) 40 H-2 (3) 40 H-2 (3) 40 C (2) 1L 4	ELECTRIC CO FLOAT ACTIV KECK INTERIOR I	OND. PROBE (ATED) FACE PROBE S USED
PURGING SAMPLING PERISTAL' SUBMERS BLADDER PVC/SILICE TEFLONS WATTERA IN LINE FIRE PRESS/VA TCF IDO ANALYTICAL PARAMETERS VOCE SVOCE Inorganics TPH-DRO TPH-DRO TPH-DRO Inorganics: ICM1-WA, ICP1-WA NOTES Well went de	BLE PUMP PUMP ON TUBING LICON TUBING LICON TUBING LICON TUBING ST C FILTER BAJIEY MI SN	ETHOD LIGHT ACCEPTAGE NITRIC ACCEPTAGE N	WATER D WATER TO WATER PRESERV HCL p 4°C	/ATION VOLUM OOD REGULA H-2 (3) 40 H-2 (3) 40 H-2 (3) 40 C (2) 1L 4	ELECTRIC CO FLOAT ACTIV KECK INTERIOR I	OND. PROBE (ATED FACE PROBE S USED
PURGING SAMPLING PERISTAL' SUBMERS BLADDER PVC/SILICE TEFLONS WATTERA IN LINE FIRE PRESS/VA TCF IDO ANALYTICAL PARAMETERS VOCE SVOCE Inorganics TPH-DRO TPH-DRO TPH-DRO Inorganics: ICM1-WA, ICP1-WA NOTES Well went de	BLE PUMP PUMP ON TUBING LICON TUBING LICON TUBING LICON TUBING ST C FILTER BAJIEY MI SN	ETHOD LIGHT ACCEPTAGE NITRIC ACCEPTAGE N	WATER D WATER TO WATER PRESERV HCL p 4°C	/ATION VOLUM OOD REGULA H-2 (3) 40 H-2 (3) 40 H-2 (3) 40 C (2) 1L 4	ELECTRIC CO FLOAT ACTIV KECK INTERIOR I	OND. PROBE (ATED FACE PROBE S USED
PURGING SAMPLING PERISTAL' SUBMERS BLADDER PVC/SILICY TEFLONS WATTERA IN LINE FIL PRESSAVA ICFIE/ SVOCS Inforganios TPH-GRO TPH-DRO Inorganios: ICM1-WA, ICP1-WA	BLE PUMP PUMP ON TUBING LICON TUBING LICON TUBING LICON TUBING ST C FILTER BAJIEY MI SN	ETHOD LIGHT ACCEPTAGE NITRIC ACCEPTAGE N	WATER D WATER TO WATER PRESERV HCL p 4°C	/ATION VOLUM OOD REGULA H-2 (3) 40 H-2 (3) 40 H-2 (3) 40 C (2) 1L 4	ELECTRIC CO FLOAT ACTIV KECK INTERIOR MISER OF FILTER	OND. PROBE (ATED FACE PROBE S USED

BENIGNO RODRIGUEZ BURGOS & ASOCIADOS

AGRIMENSORES - INGENIEROS - CONSULTORES
CARR. 14 KM. 7.6 (FRENTE AL CEMENTERIO LAS MERCEDES) COTO LAUREL. PONCE, PR

B R B

APARTADO 10425 PONCE, P.R. 00732-0425 TEL (787) 541-8927 FAX: (787) 842-9284 Beoper 1-800-981-5593 Unided 2910

December 27, 1996

ABB Environmental Services F.O. Box 7050 DTS 110 Free Street Portland, Maine 04112-7050

Att. Mr. George Howitt

Subject: Quotation PD 96-116 Elevation Survey Ft. Allen, J.Diar, PR

Dear Sir:

Enclosed will find copy of the field book, elevation data, closing data and diagram of monitoring wells.

- 1. Diagram "Monitoring Well" (MW-08-01)
 - A. Elevation in ground corner (N-E) (9.890 mts.)
 - B. Elevation of iron tube (10.990 mts.)
 - C. Elevation of PVC tube (North side) (10.994 mts.)
- 2. Diagram "Monitoring Well" (MW-09-01)
 - A. Elevation in ground corner (N-W)(8.878 mts.)
 - B. Elevation of iron tube (9.959 mts.)
 - C. Elevation PVC tube (North side) (9.957 mts.)
- 3, Diagram "Monitoring Well" (MW-03-02)
 - A. Elevation in ground corner (N-E)(14.487 mts.)
 - B. Elevation of iron tube (15.397 mts.)
 - C. Elevation PVC tube (North mide) (15.405 mts.) ,
- 4. Diagram "Monitoring Well" (MW-03-01)
 - A. Elevation in ground corner (S-E)(16.050 mts.)
 - B. Elevation of iron tube (16.991 mts.)
 - C. Elevation PVC tube (North side)(17.013 mts.)

Sincerely:

Benigno Rodrigues Burgos Land Surveyor - Longo

Tel. (797) 841-8927

SURVEY DATA

ABB Environmental Services, Inc.

W001976APP

TABLE G-1 GPS SURVEY DATA

FORT ALLEN PHASE I SITE INSPECTION JUANA DIAZ, PUERTO RICO

	UTM COORDINATES1		
SITE ID	EASTING	NORTHING	COMMENTS ²
1000			
AOC 3	3/2515 343	1002050 052	
MW-03-01	763515.747	1993850.273	
MW-03-02	763425.039	1993703.732	
GP-03-01	763493.000	1993860.000	Coordinates are estimated.
GP-03-02	763511.000	1993859.000	Coordinates are estimated.
GP-03-03	763524.765	1993860.301	
GP-03-04	763539.812	1993858.181	
GP-03-05	763552.698	1993859.105	
GP-03-06	763453.903	1993702.870	
GP-03-07	763440.000	1993706.141	
GP-03-08	763423.380	1993707.446	
GP-03-09	763413.139	1993707.003	
GP-03-10	763402.664	1993710.287	
AQC 8			
SB-08-01	763772.828	1993172.796	
SB-08-02	763742.447	1993180.985	
MW-08-01	763757.010	1993157.160	
GP-08-01	763745.397	1993097,697	
GP-08-02	763737.692	1993089.878	
SV-08-01	763745.397	1993097.697	
SV-08-02	763737.692	1993089.878	
AOC 9			
MW-09-01	763562.000	1992916.000	Coordinates are estimated.
SB-09-01	763612.520	1992916.000	Coordinates are estimated.
SB-09-01	763339.833	1992842.030	
SB-09-03	763375.840	1993220.180	
SB-09-04	763504.615	1992942.247	
SS-09-01	763357.603	1993019.224	
SS-09-02	763383.728	1992948.399	
GP-09-01	763636.250	1993188.696	
GP-09-01 GP-09-02	763644.100	1992868.560	
GP-09-02 GP-09-03	763627.540	1992882.130	
GP-09-04	763597.110		
GP-09-05	763487.970	1992861.780	
GP-09-05 GP-09-06		1993083.747	
	763453.940	1993035.200	
GP-09-07	763493.896	1992996.573	· ·
Gr-03-08	/63301./88	1993066./35	
GP-09-08	763501.788	1993066.735	

TABLE G-1 GPS SURVEY DATA

FORT ALLEN PHASE I SITE INSPECTION JUANA DIAZ, PUERTO RICO

			A CONTRACT OF STREET
STEED ID	PASSESSE		COMMUNIS ²
PAINT AND CH	 EMICAL STORAG	F POOM	
GP-PC-01	763621.746	1992926.550	
GP-PC-02	763605,470	1992911.005	
GP-PC-03	763615.626	1992882,104	
GP-PC-04	763633.572	1992890.181	
SV-PC-01	763624.140	1992925.067	
SV-PC-02	763608.223	1992908.899	
SV-PC-03	763631.690	1992882,717	
SV-PC-04	763633.030	1992899.637	
SV-PC-05	763634.087	1992917.288	
MW-1	763636.188	1992902,246	
MW-2	763637.600	1992898.282	
MW-3	763633.177	1992898.169	
MW-4	763635.547	1992895.522	
BECTICIDE/III	DRICTOR MOVE	AND COOD CO	
GP-PH-01	RBICIDE MIXING		
	763790.000	1992949.000	Coordinates are estimated.
GP-PH-02 GP-PH-03	763802.382 763819.559	1992943.338	
SB-PH-01	763835,705	1992962.085 1992961.874	
SV-PH-01	763791.000	1992947.000	Coordinates are estimated.
SV-PH-01 SV-PH-02	763802.655	1992947.000	Coordinates are estimated.
SV-PH-03	763802.833	1992962.305	
SV-PH-04	763819.130	1992962.032	
5,-11-04	703019.130	1772702.032	
OM\$ #9			
GP-M9-01	764161.259	1992900.848	
GP-M9-02	764156.551	1992915.616	
GP-M9-03	764131.823	1992927.974	
GP-M9-04	764061.765	1992896.766	
GP-M9-05	764095.358	1992867.603	
SB-M9-01	764156.035	1992901.833	
SS-M9-01	764067.394	1992869.686	
SV-M9-01	764160.523	1992900.855	
SV-M9-02	764154.408	1992901.903	
SV-M9-03	764157.617	1992909.530	
SV-M9-04	764059.793	1992914.499	
SV-M9-05	764057.686	1992895.918	
SV-M9-06	764094.596	1992867.931	

TABLE G-1 GPS SURVEY DATA

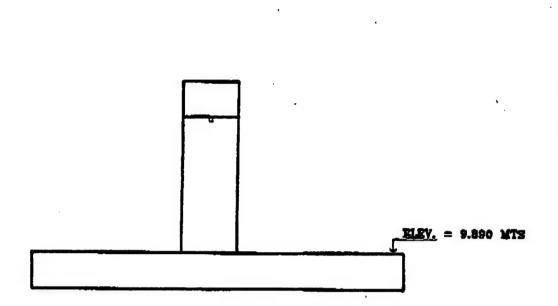
FORT ALLEN PHASE I SITE INSPECTION JUANA DIAZ, PUERTO RICO

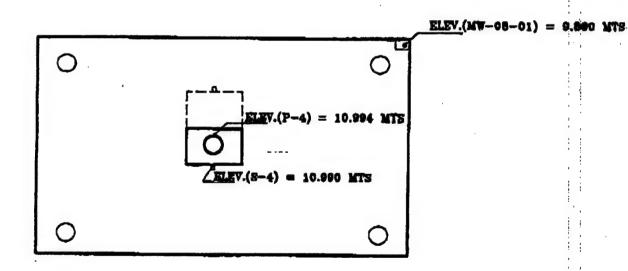
	UTM COORDINATES1			
SITE ID	EASTING	NORTHING	COMMENTS ²	
LEAKING ELE	 CTRICAL TRANSE	ORMER		
SS-LE-01	764231.000	1992778.000	Coordinates are estimated.	
SS-LE-02	764232.000	1992778.000	Coordinates are estimated.	
WASTEWATE	R TREATMENT PL	ANT		
GP-WW-01	765195.813	1992955.762		
GP-WW-02	765200.818	1992957.159		
GP-WW-03	765233.408	1992929.010		
GP-WW-04	765238.000	1992936.000	Coordinates are estimated.	
GP-WW-05	765242.343	1992930.492		
GP-WW-06	765246.363	1992925.794		
SS-WW-01	765243.915	1992926.835		
SV-WW-01	765199.851	1992955.980		
SV-WW-02	765233.293	1992928.845		

NOTES:

- 1) Puerto Rico Datum.
- 2) All coordinates measured with Trimble Pro-XL GPS unit and radio beacon, unless otherwise noted.

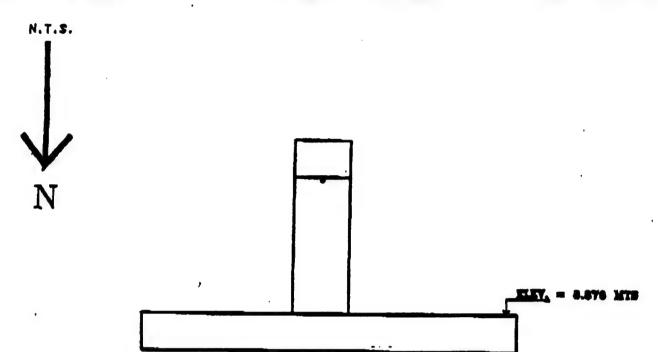


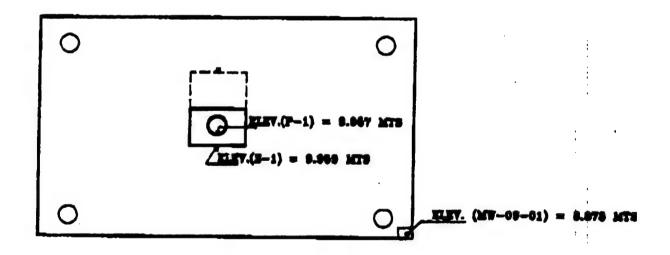




MW - 08 - 01

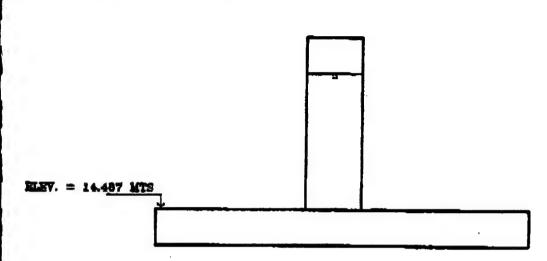
Dec. 27 1996 02:47PM P4

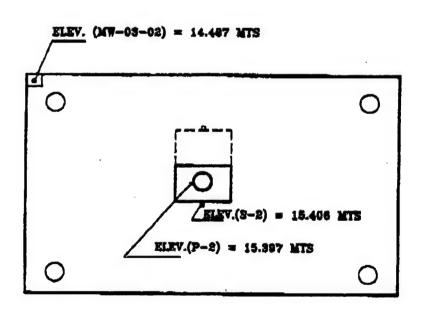




MW - 09 - 01

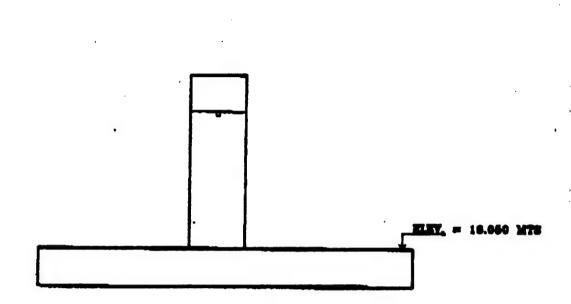


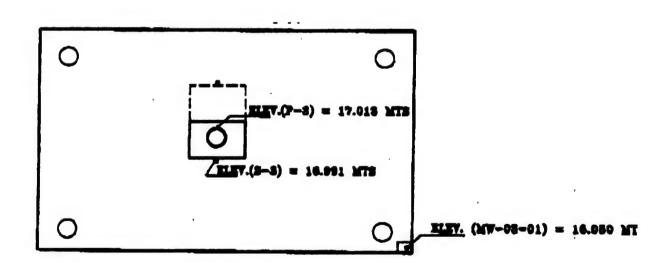




MW - 03 - 02







MW - 03 - 01

PROJECT ANALYTE LIST/QUANTERRA REPORTING LIMITS

Volatile Organics Target Compound List (TCL)

VMS1

Component	Reporting Limit (ua/L)
Chloromethane Acetone Bromomethane Vinyl chloride Chloroethane Methylene chloride 1.1-Dichloroethene 1.1-Dichloroethane	1.0 5.0 1.0 1.0 1.0 1.0 1.0 1.0
2-Hexanone 1,2-Dichloroethene ^(cis/trans) Chlorobenzene 4-Methyl-2-pentanone ^(MIBK) Chloroform 1,2-Dichloroethane 2-Butanone (MEK) Carbon disulfide 1,1,1-Trichloroethane Carbon tetrachloride Bromodichloromethane 1,2-Dichloropropane Trichloroethene Dibromochloromethane cis-1,3-Dichloropropene trans-1,3-Dichloropropene 1,1,2-Trichloroethane Benzene Bromoform	5.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0
1.1.2.2-Tetrachloroethane Tetrachloroethene Toluene Ethylbenzene Styrene Xylenes (total)	1.0 1.0 1.0 1.0 1.0

Volatile Organics^Target Compound List (TCL)

VMS1

Component	Reporting Limit (ug/am)
Toluene	0.010
Acetone	0.010
Benzene	0.010
Bromodichloromethane	0.010
Bromoform	0.010
Bromomethane	0.010
2-Butanone (MEK)	0.010
Carbon disulfide	0.010
Carbon tetrachloride	0.010
Chlorobenzene	0.010
Chloroethane	0.010
Chloroform	0.010
Chloromethane	0.010
Dibromochloromethane	0.010
1.1-Dichloroethane	0.010
1.2-Dichloroethane	0.010
1.1-Dichloroethene	0.010
1.2-Dichloroethene ^(total)	0.010
1.2-Dichloropropane	0.010
cis-1.3-Dichloropropene	0.010
trans-1.3-Dichloropropene	0.010
Ethylbenzene	0.010
2-Hexanone	0.010
Methylene chloride	0.010
4-Methy1-2-pentanone ^(MIBK)	0.010
Styrene	0.010
1.1.2.2-Tetrachloroethane	0.010
Tetrachloroethene	0.010
1.1.1-Trichloroethane	0.010
1.1.2-Trichloroethane Trichloroethene	0.010
Vinyl chloride	0.010
	0.010
Xylenes (total)	0.010

Semivolatile Organics^Target Compound List (TCL)

		•
	Component	Reporting Limit (ug/L)
		Meson critical critical (dare)
	Acenaphthene	10
	Acenaphthylene	10
	Anthracene	10
	Carbazole	
		10
	Benzo(a)anthracene	10
	Benzo(b)fluoranthene	10
	Benzo(k)fluoranthene	10
	Benzo(g,h,i)perylene	10
	Benzo(a)pyrene	10
	4-Bromophenyl^phenyl ether	10
	Butyl benzyl phthalate	10
	4-Chloroaniline	10
	bis(2-Chloroethoxy)^methane	10
	bis(2-Chloroethyl) ether	
	bis(2 Chloroisennous) Acthor	10
	bis(2-Chloroisopropyl) ether	10
	p-Chloro-m-cresol	10
	2-Chloronaphthalene	10
	2-Chlorophenol	10
	4-Chlorophenyl ^phenyl ether	10
	Chrysene	10
	Dibenz(a,h)anthracene	10
	Dibenzofuran	10
	Di-n-butyl phthalate	10
	1,2-Dichlorobenzene	10
	1,3-Dichlorobenzene	
	1.4-Dichlorobenzene	10
	2. Pichlorobenzidine	10
	3,3'-Dichlorobenzidine	10
	2.4-Dichlorophenol	10
	Diethyl phthalate	10
	2.4-Dimethylphenol	10
	Dimethyl phthalate	10
	4.6-Dinitro-^2-methylphenol	25
	2.4-Dinitrophenol	80
	2.4-Dinitrotoluene	10
	2.6-Dinitrotoluene	10
	Di-n-octyl phthalate	10
	bis(2-Ethylhexyl)^phthalate	35
	Fluoranthene	10
	Fluorene	10
	Hexachlorobenzene	10
	Hexachlorobutadiene	
	Hexachlorocyclopentadiene	10
	Hexachi proof hase	10
	Hexachloroethane	10
	Indeno(1,2,3-cd)pyrene	10
	Isophorone	10
	2-Methylnaphthalene	10
	2-Methylphenol	10
4	4-Methylphenol	10
1	Naphthalene	10
1	2-Nitroaniline	25
		4 J

Semivolatile Organics^Target Compound List (TCL)

Component	Reporting Limit (ua/L)
3-Nitroaniline 4-Nitroaniline Nitrobenzene 2-Nitrophenol 4-Nitrosodiphenylamine N-Nitroso-di-^n-propylamine Pentachlorophenol Phenanthrene Phenol Pyrene 1.2.4-Trichlorobenzene 2.4.5-Trichlorophenol	25 25 10 10 25 10 10 25 10 10 10
N-Nitrosodiphenylamine N-Nitroso-di-^n-propylamine Pentachlorophenol Phenanthrene Phenol Pyrene 1.2.4-Trichlorobenzene	10 25 10 10

TCL Semivolatile Organics

Component	Reporting Limit (ug/gm)
Phenol bis(2-Chloroethyl) ether 2-Chlorophenol 1.3-Dichlorobenzene 1.4-Dichlorobenzene 2-Methylphenol bis(2-Chloroisopropyl)^ether 4-Methylphenol N-Nitroso-di-^n-propylamine Hexachloroethane Nitrobenzene 1sophorone 2-Nitrophenol 2.4-Dimethylphenol bis(2-Chloroethoxy)^methane 2.4-Dichlorophenol 1.2,4-Trichlorobenzene Naphthalene 4-Chloroaniline Hexachloroobutadiene p-Chloro-m-cresol 2-Methylnaphthalene Hexachlorooyclopentadiene 2.4.5-Trichlorophenol 2.4,5-Trichlorophenol 2.4,5-Trichlorophenol 2.4,5-Trichlorophenol 2-Chloronaphthalene 2-Nitroaniline Dimethyl phthalate Acenaphthylene 3-Nitroaniline Dimethyl phthalate Acenaphthene 2.4-Dinitrotoluene 2.6-Dinitrotoluene 2.6-Dinitrotoluene 2.6-Dinitrooluene 1ethyl phthalate 4-Chlorophenyl phenyl ether Fluorene 4-Nitroaniline 4-Bromophenyl phenyl ether Hexachlorobenzene Pentachlorophenol Phenanthrene Pentachlorophenol Phenanthrene Pentachlorophenol Phenanthrene Pothyl phthalate	0.33 0.33

TCL Semivolatile Organics

Component	Reporting Limit (ug/am)
Fluoranthene	0.33
Pyrene Butyl benzyl phthalate	0.33 0.33
3.3'-Dichlorobenzidine	0.33
Benzo(a)anthracene	0.33 0.33
bis(2-Ethylhexyl)^phthalate Chrysene	0.33
Di-n-octyl phthalate	0.50
Benzo(b)fluoranthene Benzo(k)fluoranthene	0.33 0.50
Benzo(a)pyrene	0.33
Indeno(1,2,3-cd)pyrene	0.50 0.60
Dibenz(a,h)anthracene Benzo(g,h,i)perylene	0.60



11/5/96

AEC Metals Methods and Reporting Limits

Method	Method	Element	Soil Reporting Limit	Water Reporting Limit
	Description		(ug/gm)	(ug/L)
ICM1	ICP/MS	Antimony	0.2	1.0
ICM1	ICP/MS	Arsenic	1.0	5.0
ICM1	ICP/MS	Beryllium	0.2	1.0
ICM1	ICP/MS	Cadmium	0.2	1.0
ICP1 & ICP2	ICP	Aluminum	280	200
ICP1 & ICP2	ICP.	Barium	40	200
ICP1 & ICP2	ICP	Calicium	1000	5000
ICP1 & ICP2	ICP	Chromium	3	10
ICP1 & ICP2	ICP	Cobalt	10	50
ICP1 & ICP2	ICP	Copper	5	25
ICP1 & ICP2	ICP	Iron	280	100
ICP1 & ICP2	ICP	Magnesium	1000	1000
ICP1 & ICP2	ICP	Manganese	7 .	15
ICP1 & ICP2	ICP	Nickel	8	40
ICPI & ICP2	ICP	Potassium	1000	5000
ICP1 & ICP2	ICP	Silver	2	10
ICP1 & ICP2	ICP	Sodium	1000	5000
ICP1 & ICP2	ICP	Vanadium	10	50
ICP1 & ICP2	ICP	Zinc	4	20
GPB1	GFAA	Lead	1	3
GSE1	GFAA	Selenium	1	5
GTLI	GFAA	Thallium	2	10

Note: ICP1 applies only to soil samples and ICP2 only to waters.

30 OCT 96

Mercury, Cold Vapor AA (Total)

Page 1

HGC1

Component Reporting Limit (uq/L)

Mercury 0.20

21	OCT	$\alpha \epsilon$
/4	1.8.1	70

Mercury, Cold Vapor AA

Page 1

HGC1

Component Reporting Limit (ug/am)
Mercury 0.20

Gasoline Range Organics and Selected Components

API GRO

Component	Reporting Limit (ug/L)
Benzene	0.50
Toluene	0.50
Ethylbenzene	0.50
Xylenes (total)	0.50
Gasoline Range Organics	10

Gasoline Range Organics and Selected Components

API GRO

Component	Reporting Limit (mg/kg)
Benzene	0.025
Toluene	0.025
Ethylbenzene	0.025
Xylenes (total)	0.025
Gasoline Range Organics	0.50

29 OCT 96

Extractable Petroleum Hydrocarbons

Page 1

GC/FID

Component Reporting Limit (mg/L)

Diesel Range Organics 0.10

29 OCT 96

Extractable Petroleum Hydrocarbons

Page 1

GC/FID

Component Reporting Limit (mg/kg)
Diesel Range Organics 4.0

Halogenated Volatile Organics

8010

Component	Reporting Limit (ug/kg)
Chloromethane	500
Bromomethane	500
Vinyl chloride	100
Chloroethane	500
Methylene chloride	500
1,1-Dichloroethene	50
1,1-Dichloroethane	50
trans-1,2-Dichloroethene	50
Chloroform	50
1,1,2-Trichloro-1,2,2-^trifluoroethane	100
1,2-Dichloroethane	100
1,1,1-Trichloroethane	50
Carbon tetrachloride	50
	100
Bromodichloromethane	100
1,2-Dichloropropane	100
trans-1,3-Dichloropropene	50
Trichloroethene	100
Dibromochloromethane	200
cis-1,3-Dichloropropene	100
1,1,2-Trichloroethane	200
EDB (1,2-Dibromoethane)	500
Bromoform	100
1,1,2,2-Tetrachloroethane	50
Tétrachloroethene	200
Chlorobenzene	

29 OCT 96

0il & Grease, Gravimetric

Page 1

E413.1

Component Reporting Limit (mg/kg)

Oil and Grease

100

IMMUNOASSAY TEST RESULTS AND MANUFACTURER'S INSTRUCTIONS

SUMMARY OF IMMUNOASSAY TEST RESULTS TABLE I-1

FORT ALLEN PHASE I SITE INSPECTION JUANA DIAZ, PUERTO RICO

GP-PC-01 GP-PC-02	NUMBER	ANALYSIS	MANUFACIUREE OF TEST KIT	ANALYTICAL RESULTS
-	PPC0110X PPC0210X	BTEX	D-Tech D-Tech	< 2.5 ppm < 2.5 ppm < 2.5 ppm
GP-PC-03 GP-PC-04	PPC0310X PPC0410X	BTEX	D-Tech D-Tech	< 2.5 ppm < 2.5 ppm < 2.5 ppm
GP-PH-01	PPH0104X	BTEX	D-Tech	< 2.5 ppm
GP-PH-02	PPH0204X	BTEX	D-Tech	11-20 ppm
GP-PH-03	PPH0304X	BTEX	D-Tech	. < 2.5 ppm
GP-PH-01	PPH0104X	PCBs	D-Tech	<0.5 ppm
GP-PH-02	PPH0204X	PCBs	D-Tech	<0.5 ppm
GP-PH-03	PPH0304X	PCBs	D-Tech	< 0.5 ppm
GP-PH-01	PPH0104X	DDT	ENSYS, Inc.	2)
GP-PH-02	PPH0204X	DDT	ENSYS, Inc.	2)
GP-PH-03	PPH0304X	DDT	ENSYS, Inc.	2)
GP-PH-01	PPH0104X	Chlordane	ENSYS, Inc.	<.020 ppm
GP-PH-01	PPH0104X ¹	Chlordane	ENSYS, Inc.	< .020 ppm
GP-PH-02	PPH0204X	Chlordane	ENSYS, Inc.	< .020 ppm
GP-PH-02	PPH0204X1	Chlordane	ENSYS, Inc.	< .020 ppm
GP-PH-03	PPH0304X	Chlordane	ENSYS, Inc.	< .020 ppm
GP-PH-03	PPH0304X ¹	Chlordane	ENSYS, Inc.	< 020 ppm

ppm = parts per million

NOTES: 1) Duplicate analysis, run concurrently with original analysis.

2) See Section 3.2 of the Phase I Site Inspection Report for a discussion of the immunoassay DDT analyses and results.



TK-1003S-1 800-222-0342

IMPORTANT

Read all instructions and handling procedures before using this kit. For assistance call the TECHNICAL SERVICE HOT LINE 1-800-222-0342.

INTENDED USE

The D TECH™ BTEX Soil Extraction Pac is designed to extract BTEX from soil samples. This extract is analyzed using the D TECH BTEX Test Kit (Item #TK-1003-1).

PRINCIPLE

BTEX (Benzene, Toluene, Ethylbenzene, and Xylene) are considered some of the most toxic components of petroleum products. Due to their solubility in water, along with their relatively low soil adsorption coefficients, they can easily migrate into the groundwater. A major environmental concern arises from spill contamination problems, especially from UST's (underground storage tanks). The presence of these compounds in excess of state defined levels is an indication of contaminated soil. To assay these compounds, it is necessary to first extract them from the soil.

The D TECH BTEX Soil Extraction Pac uses methanol to extract BTEX for analysis. Following this step the extracted compounds in the solvent are further prepared for analysis by an aqueous dilution. This enables the sample to be analyzed with the D TECH BTEX Test Kit (Item #TK-1003-1).

KIT DESCRIPTION

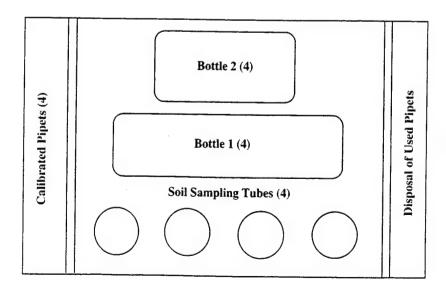
The D TECH BTEX Soil Extraction Pac contains sufficient materials to perform four (4) soil sample extractions.

STORAGE/STABILITY

This kit has excellent stability at room temperature and under refrigeration. For expiration dating under these conditions, see package label.

MATERIALS PROVIDED:

See tray diagram below. This diagram includes the D TECH BTEX Soil Extraction Pac component names and quantity of each item.



Not Shown In Diagram

Used Kit Label (1)

Instruction Guide (1)

Red dot labels (4)

for used Bottle 2 components.



TK-1003S-1 800-222-0342

HEALTH/SAFETY

Material Safety Data Sheets (MSDS) have been supplied with the purchase of this product. The MSDS should be read before using this test.

Included in this section, we have emphasized health and safety precautions that should be followed when handling these solutions.

PROTECT EYES WITH SAFETY GLASSES PROTECT SKIN WITH PROTECTIVE GLOVES

BTEX Bottle 1 (51605) 100% METHANOL

Associated Hazards

Flammable Liquid and Vapor (NO SMOKING OR OPEN FLAME).

Harmful Vapor.

May be fatal or cause blindness if swallowed.

Cannot be made non-poisonous.

Absorption through skin harmful.

May cause damage to lungs and central nervous system.

Symptoms of Exposure

After ingestion or inhalation, initial symptoms may be only that of mild intoxication, but may become severe after 12 to 18 hours.

Affects Central Nervous System, especially optic nerve.

Marked impairment of vision and enlargement of the liver has been reported with chronic exposure.

Causes dizziness, nausea, muscle weakness, narcosis and respiratory failure.

Prolonged or repeated skin contact may cause irritation.

Fetal development abnormalities and effects on the embryo or fetus have been reported from prolonged exposure to methyl alcohol (methanol) in laboratoy tests involving pregnant rats.

First Aid Measures

GET MEDICAL ASSISTANCE FOR ALL CASES OF OVEREXPOSURE

Skin:

Immediately flush thoroughly with large amounts of water.

Eyes:

Immediately flush with water for at least 15 minutes.

Inhalation:

Remove to fresh air; give artificial respiration if breathing has stopped.

Ingestion:

If conscious, drink water and induce vomiting immediately as directed by medical

personnel. Never give anything by mouth to an unconscious person.

BTEX Bottle 2 (51606) Azide in buffer

Associated Hazards

May be irritating to skin, eyes, and mucous membranes.

Symptoms of Exposure

May be irritating on contact with skin, eyes, or mucous membranes.

First Aid Measures

GET MEDICAL ASSISTANCE FOR ALL CASES OF OVEREXPOSURE

Skin:

Wash thoroughly with soap and water.

Eyes:

Immediately flush with water for at least 15 minutes.

Inhalation:

Remove to fresh air; give artificial respiration if breathing has stopped.

Ingestion:

Get immediate medical attention; if conscious, give water freely.



TK-1003S-1 800-222-0342

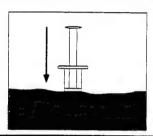
This package is designed to serve as a WORK STATION. At the conclusion of the test, the components can be left in the package for proper disposal.

TEST PROCEDURE

Sampling

Step 1: Break up the soil so that it is a uniform sample. See Sample Preparation Information (page 4) for further instructions. Draw back the Soil Sampling Tube plunger until it stops. Push the Soil Sampling Tube into the soil several times with a twisting action to firmly pack and fill the tube. Remove excess soil from the external surface of the sampling tube and barrel end. Two (2) soil plugs are required for the BTEX extraction. It is recommended that both plugs be drawn sequentially with the same plunger.

Step 2: Two (2) soil plugs are required for the BTEX extraction. Dispense each soil plug into Bottle 1 by positioning the barrel into the neck of the bottle and firmly pushing the plunger. If soil lodges in the neck of the bottle, use the sampling tube to push it into the bottle. If soil adheres to the threads of the bottle neck and cap, wipe clean before placing cap on bottle. Cap bottle tightly.





Extraction From Soil

Step 3: Mix the soil and liquid in Bottle 1 by shaking vigorously for 1 minute.



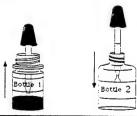
Step 4: Allow the soil to settle for approximately **3 minutes.** Some soils will settle more slowly than others.



Diluting the Extraction Solution

Step 5: Remove the cap from Bottle 2.

Step 6: Using the 0.5 mL Calibrated Pipet, remove 0.5 mLof the liquid layer from Bottle 1 and dispense it into Bottle 2; mix well. Replace the cap tightly on Bottle 1 and return to tray. Place the used pipet in the right side tray compartment.



Step 7: Use Bottle 2 as sample in Step 1 under Test Procedure for analysis in the D TECH BTEX Test Kit (Item #TK-1003-1). If the last extraction has been performed, place the "Used Kit" label on the Soil Extraction Pac box to seal it shut.

Helpful Hint: Cap **Bottle 2** tightly and return to tray. Red dot labels have been provided to indicate used Bottle 2 components.



TK-1003S-1 800-222-0342

SAMPLE COLLECTION AND PREPARATION INFORMATION

COLLECTION

Soil samples should be collected using standard BTEX site sampling protocols such as the EPA SW-846 or various state defined methods. Due to the volatility of BTEX, samples should be collected in a glass container with a Teflon™-lined screw-top lid taking care to minimize the headspace (the airspace above the sample). Exposure to high temperature, sunlight, chemical or biological degradation and open air should be avoided. All unanalyzed samples should be stored and transported on ice.

PREPARATION

To achieve a more homogeneous soil distribution and to insure reproducible test results, the soil sample should be mixed thoroughly. Exposure to the open air during mixing should be minimized. Remove all debris such as sticks, stones and leaves prior to using the D TECH Soil Sampling Tube. Sandy soil may require a scooping action to fill the tube. Squeezing the barrel of the Soil Sampling Tube will help to expel a tightly packed sample. Extraction of BTEX is more effective if the soil plug is broken into sections during its addition to Bottle 1.

Methanol has been proven to be an efficient BTEX extractant. Due to the volatile nature of both the methanol and BTEX compounds, all bottles should be kept capped to minimize evaporation.

VOLUME SAMPLING TECHNIQUE

The D TECH BTEX Soil Extraction Pac measures sample size using an efficient and economical volumetric technique. As with weight-based measurements, volumetric measurements of soils in field testing applications are not absolute and are subject to the influence of moisture content, organic matter content, soil type, etc. Variation in sample size can be minimized by insuring the **Soil Sampling Tube** is evenly filled. The sample size of the D TECH **Soil Sampling Tube** is 3 cubic centimeters, which is equivalent to an average of 4.5 grams of dry soil.

QUALITY CONTROL

All D TECH Test Kits are thoroughly quality controlled and manufactured at Strategic Diagnostics Incorporated's GMP facility. All products undergo extensive validation and field testing to assure accuracy and reliability. All products are thoroughly quality controlled to meet the published specification.

GENERAL LIMITED WARRANTY
All EM SCIENCE products
are warranted to meet the
specifications set forth on
their label only. All other warranties, expressed or implied,
including the warranties of
MERCHANTABILITY AND
FITNESS OF USE, are excluded.
Any change or modification
of an EM SCIENCE product or
of its prescribed procedure
for use may adversely affect
its stated specification.

EM SCIENCE shall not be liable in the event of any such change or modification or for any indirect or consequential damages. All EM SCIENCE products are sold on the condition that they be used and disposed of only within the scope of currently recognized critical standards related to human health and ine physical environment.

Prices and specifications are subject to change without notice. We reserve the right to discontinue items without prior notice.

EM SCIENCE/Strategic Diagnostics Inc. 480 Democrat Road P.O. Box 70 Gibbstown, N.J. 08027 (800) 222-0342



TK-1008-1 800-222-0342

IMPORTANT

Read all instructions and handling procedures before using this kit. For assistance call the TECHNICAL SERVICE HOT LINE 1-800-222-0342.

INTENDED USE

The D TECH® BTEX (Benzene, Toluene, Ethylbenzene and Xylene) on-site and laboratory test kit is designed to provide quick, semiquantitative and reliable test results for making environmental decisions. The D TECH® BTEX test kit can be used on-site for identifying "hot spots", site mapping, monitoring of remediation processes and selecting site samples for laboratory analysis.

PRINCIPLE

The DTECH® system for analyzing trace amounts of BTEX utilizes immunoassay technology. This proven technique uses an antibody as an analytical reagent. Antibodies are biological molecules with the ability to specifically bind only the target compound amidst a complex sample matrix, thus eliminating the need for extensive sample cleanup. By linking the unique antibody selectivity with a sensitive non-enzymatic color indicator system, very low concentrations (ppm, ppb) of target compound can be determined. The color formed is inversely related to BTEX concentration. In this assay, the antibody recognizes the BTEX compounds as a class. See the DTECH® brochure "Immunoassay Comes To Environmental Testing" for a detailed explanation of the unique immunoassay format used.

TEST KIT DESCRIPTION

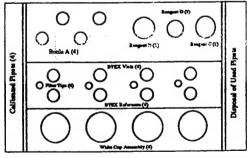
The D TECH® BTEX Test Kit, Item #TK-1008-1, contains sufficient materials to perform four (4) tests. This kit can test water samples or be used with the D TECH® BTEX Soil Extraction Pac, Item # TK-1003S-1, to test soil samples. The BTEX Soil Extraction Pac contains only the materials needed to extract BTEX from soil for semiquantitation with this D TECH® BTEX Test Kit. The results can be obtained by using the enclosed Color Card or the DTECHTOR Meter, Item # TK-1001M-1.

STORAGE AND STABILITY

This kit has a working temperature range from 45° to 100°F (7° to 38°C) and should be stored from 40° to 100°F (4° and 38°C). Do not freeze the kit or store it in direct sunlight. The expiration dating varies with storage temperature. The user should note the date of receipt and the storage conditions of the kit(s) directly on the kit box(es). For expiration dating under various storage conditions, see the package label.

MATERIALS PROVIDED

See the tray diagram below. This diagram includes the kit component names and quantity of each item.



Not shown in diagram

Used Kit Label (1)
Instruction Guide (1)
Color Card (1)
Data Labels (4) for Cup Assembly
Red Dot Labels (4) for identifying
used Bottle A components

ACCESSORIES SUPPLIED BY USER

Timing Device (minutes)

• the DTECHTOR Meter, Item #TK-1001M-1 (optional)



TK-1008-1 800-222-0342

Important:

Once the test is initiated, all steps must be executed sequentially without stopping. Please read all the Health and Safety Comments on page 7 prior to use.

Note: This package is designed to serve as a WORK STATION. At the conclusion of the test, the components can be left in the package for proper disposal.

Note: BTEX is highly volatile. For accurate results, follow appropriate sample collection, storage and handling techniques.

Step 1: Choose the corresponding sample type to determine Step 1.

SOIL SAMPLE: After completing the sample extraction using the directions in the D TECH® BTEX Soil Extraction Pac, use a clean calibrated pipet to transfer

0.5 mL of the Bottle 2 solution from the Extraction Pac to Bottle A. Snap a filter tip on Bottle A and gently mix by inverting two (2) times. Replace the cap on Bottle 2 and set aside.

WATER SAMPLE: Using a clean calibrated pipet, transfer 0.5 mL of the water sample to Bottle A. Snap a filter tip on Bottle A and gently mix by inverting two (2) times.

Note: The vials in the next two steps need to stand 5 minutes (+1-30 seconds) after liquid is dispensed into them. The solutions in these vials will remain hazy.

Step 2: Squeeze Bottle A filling the BTEX Test Vial (gray stopper) to a level between the two lines (approximately 13-14 drops). Gently mix by shaking the vial in a back and forth motion.

Immediately proceed to step 3.

Step 3: Squeeze the contents of Reagent C (white cap) to fill the BTEX Reference Vial (red stopper) to a level between the 2 lines. Gently mix by shaking the vial in a back and forth motion.

Note: Reconstitute the REFERENCE VIAL IMMEDI-ATELY after sample addition to the test vial. If analyzing several samples simultaneously, reconstitute a reference vial at the same time each test (sample) vial is filled.

Step 4: After 5 minutes (+/- 30 seconds) pour the contents of the BTEX Test Vial into the T (test) side of the cup assembly. Immediately pour the contents of the Reference Vial into the R side of the cup assembly. Allow the liquid to drain completely on both sides.



Note: The next two (2) steps use dropper tipped bottles. When dispensing these reagents, do not allow any dropper tip to contact any solution(s) or surface in the device. To assure uniform color development across the device, dispense the drop onto the sloped side of the well to lessen its impact. Do not allow the drop to fall into the middle of the well.

Note: The first time the kit is used, Reagent B must be reconstituted by filling the bottle up to the line (2.5 mL) with Reagent C (white cap). Invert three (3) times, then record the date on the bottle label. This reconstituted reagent can be used for up to one month when stored at room temperature or for up to two weeks at 37°C.

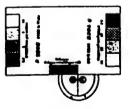
Step 5: Shake the reconstituted Reagent B bottle gently and open by squeezing the sides of the blue cap. Add 5 drops (+/- 1 drop) of Reagent B solution into each side of the cup assembly. Be sure to add this solution immediately to the second well after addition to the first well. Allow the liquid to drain completely.



Step 6: Add 5 drops (+/- 1 drop) of Reagent D solution (yellow cap) into each side of the cup assembly. Allow the wells to drain completely. Determine BTEX concentration of the sample.



Note: The reference R (left) side of the cup assembly functions as a procedural control. Compare the color produced in the reference well to the reference bar on the Color Card. The color of the well should approximate the color of the reference bar, indicating the test procedure was properly executed.

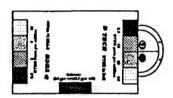


Note: The color in both wells is stable for approximately four (4) hours. For best results, sample concentrations should be determined within four (4) hours of the addition of Reagent D.

DETERMINING BTEX CONCENTRATION

The results from the D TECH® BTEX Test Kit can be interpreted using either the Color Card supplied with the kit or the DTECHTOR and the table provided below. If the color of the test does not exactly match a panel of the color card, user interpretation is required.

<u>COLOR CARD</u>: Match the color on the T side of the cup assembly to the appropriate section of the Color Card, e.g., a soil sample result should be compared to the soil panel of colors.



the DTECHTOR: Determine the % relative reflectance using the DTECHTOR. (See the Instrument Operator's Guide for complete instructions).

Use the conversion table below to determine the concentration range of BTEX in the sample. Record the result on a Cup Assembly label and apply the label to the cup.

the DTECHTOR Table

Sample	the DTECHTOR Reading	BTEX Equivalents (ppm)
Soil	LO 1 - 20 21 - 35 36 - 60 61 - 75 HI	< 2.5 2.5 - 5.0 5.1 - 10 11 - 20 21 - 35 > 35
Water	LO 1 - 10 11 - 35 35 - 55 55 - 75 HI	< 0.6 0.6 - 1.0 1.1 - 2.5 2.6 - 5.0 5.1 - 10 > 10

the DTECHTOR Meter Set Up

the DTECHTOR must be calibrated each time the meter is turned on. A Calibrator is provided with the meter for this purpose. The Calibrator must be clean and white to insure valid results.

Note: To obtain best results, do not take DTECHTOR readings in direct sunlight.

Step 1: Insert the Calibrator into the

Step 2:	Press the	Square	Button	1 time.	
When c	alibration	is comp	olete the	meter will	

Meter Head and hold firmly in place.

SET

ZERO

Step 3: Remove the Calibrator and return it to its protective cannister. The display remains

SET

Step 4: Press the Square Button 1 time to select meter program #1 (the Program to be used for this D TECH® test kit)......

SET#1)

Step 5: Insert the Cup Assembly (test) into the Meter Head and firmly hold in place. . .

(TEST#1)

Note: The #1 in the upper right corner of the display window in Steps 4 & 5 corresponds to the meter program number being used to obtain the meter reading.

Step 6: Press the Square Button 1 time. . . .

Obtain the meter reading. For example. . . .

46%

Step 7: Record the result, then press the Square Button 1 time while holding the Cup Assembly in place......

Step 8: (Optional) Key in 4 digit sample ID code number. (This feature can be used for sample identification if the data is to be downloaded to a computer).

Step 9: Remove the Cup Assembly.....

SET#1

Step 10: Insert the next Cup Assembly (test) and repeat Steps 5 - 9.

TK-1008-1 800-222-0342

100 m

PRECAUTIONS AND PROCEDURAL NOTES

- The test should be run at a temperature range of 45° to 100° F (7° to 38° C).
- The kit may be stored at a temperature range of 40° to 100° F (4° to 38° C). Storage at higher temperatures may damage the reagents. Do not store the kit in direct sunlight. See the package label on the bottom of the test kit box for additional information.
- Check the expiration date on the bottom of the kit prior to use. The expiration date is dependent on the storage temperature of the kits.
- Reagents from different kits CANNOT be mixed.
- Due to the volatility of the BTEX compounds, special sample collection, handling and storage techniques are required. To minimize BTEX losses in the sample, site sampling protocols such as the EPA SW-846 or various state defined methods should be followed. Special attention should be paid to:
 - minimizing sample exposure to air.
 - eliminating headspace in the sample container by filling it to the top with sample.
 - using Teflon® lined screw cap sample containers.
 - storing samples at 35° 45° F (2° 8° C) until analysis.
- Although this kit has been designed to compensate for naturally occurring sample pH imbalances, intentionally acidified samples CANNOT be used with this test. Samples should be tested prior to acidification.
- SALTWATER samples (ocean, sea, etc.) require a special sample preparation step. Please contact our technical service hotline at 800-222-0342 for further information.
- Once initiated, the test should be run as quickly as possible. DO NOT STOP BETWEEN STEPS.

- The diluted sample extract and the reference reconstitution diluent (white cap) should be at approximately the same temperature before adding either to their respective test or reference vial.
- Avoid splashing any methanol from Bottle 1 when adding the soil plug. The rate at which the soil is expelled from the sampling tool can be controlled by squeezing the barrel of the sampling tool when depressing the plunger.
- The extraction is easier to perform if the soil is broken into sections during its addition to Bottle 1.
 This can be accomplished by expelling a portion of the soil from the sampling tool and touching it to the inside neck of the bottle. The soil will fall directly into the methanol.
- Some soils, especially clays, may require extremely rigorous shaking during extraction. If after three (3) minutes the soil plug is not uniformly dispersed, continue shaking with a rigorous top to bottom motion until the sample disperses. This may take up to five (5) minutes.
- Allow ample time for the soil to settle in Bottle 1. A
 clear methanol layer should form on the top of the
 soil. Certain clays and other soils may require up to
 thirty (30) minutes to cleanly separate.
- This immunoassay test uses a unique color development step that does not utilize an enzyme. By removing the enzyme from the test, temperature dependency has virtually been eliminated. Nonetheless, for best results, the test should be run between 45° and 100°F (7° and 38° C).
- The color produced by the test is stable for approximately four (4) hours. For best results, all sample concentrations should be determined within four (4) hours of the addition of Reagent D (Page 2 Step 6).
- Used kits should be disposed of in accordance with applicable federal and local regulations.
- A quality control program should be included in the sampling protocol. The type of program necessary may vary by state, compound of interest and site.



BTEX TEST KIT INSTRUCTION GUIDE

TK-1008-1 800-222-0342

INTERPRETATION OF THE SOIL & WATER TESTS

Sample volatility is a major consideration with BTEX analyses. Studies have shown sample concentrations can decrease within hours if proper sample collection, storage and handling procedures are not followed. For the most accurate results and subsequent site characterization, we recommend analyzing BTEX samples within twenty-four (24) hours of collection.

The D TECH® BTEX Test Kit reports results as BTEX equivalents in a soil or water sample. This kit primarily detects ethylbenzene, toluene and o-xylene and reacts well with m-xylene, p-xylene and benzene. The test has been standardized against a mixture of benzene, ethylbenzene, toluene and xylenes blended in the average ratio found in gasoline.

A positive test result may be due to the presence of BTEX, cross reactants or mixtures of these compounds. For the most accurate results, pre-characterize the site, identifying all contaminants, by analyzing a small number of representative samples using a traditional analytical method. Compare the pre-characterization results to the "Specificity" Table on page 6. If the site contamination consists primarily of a BTEX mixture, similar to a gasoline source, the test will accurately define the BTEX concentration range. If the site contains BTEX along with a compound that displays cross reactivity, the test will slightly overestimate the BTEX concentration range.

Sample volatility and heterogeneity, sampling technique, extraction efficiency and sample matrix effects all contribute to the variability in the D TECH® BTEX test. To obtain a 96% level of confidence in the results, the user must allow an interval of +/-18% of the indicated concentration. If you have any questions about the 96% confidence level around an action concentration, please call our technical service hotline at 1-800-222-0342 for assistance.

RELIABILITY

Studies have shown the D TECH® BTEX Test Kit to yield less than 1% false negatives and less than 6% false positives in soils and less than 1% false negatives and less than 8% false positives in waters throughout the working range of the kit.

SENSITIVITY

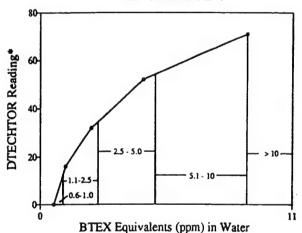
The D TECH® BTEX Test Kit can be used to measure BTEX in the following ranges:

Sample	the DTECHTOR	Color Card
Soil (ppm)	2.5 - 35	2.5 - 35
Water (ppm)	0.6 - 10	0.6 - 10

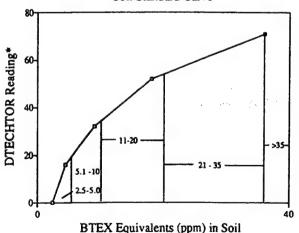
The Minimum Detection Limit (MDL) of the BTEX test is 2.5 ppm in soil and 0.6 ppm in water. A 96% confidence level occurs at 3.0 ppm in soil and 0.9 ppm in water

BTEX STANDARD CURVES

D TECH BTEX Test Kit Water Standard Curve



D TECH BTEX Test Kit Soil Standard Curve



*Percent Reflectance Relative to Reference

PERFORMANCE CHARACTERISTICS

SPECIFICITY

The D TECH® BTEX Test Kit has been tested for cross reactivity with structurally similar compounds and other priority pollutants. The table below summarizes the cross reactivity of these compounds using the DTECHTOR. A positive test result may be due to the presence of BTEX, cross reactants or mixtures of these compounds. Samples testing positive for BTEX should be further characterized by approved methods. The D TECH® BTEX Test Kit has been designed to minimize the effect of environmental interferences.

Compound	MDL* (ppm)	Cross ^b reactivity
BTEX	0.6	100
ethylbenzene	0.6	100
toluene	0.6	100
o-xylene	0.6	100
m-xylene	1.4	48
p-xylene	1.3	45
benzene	1.2	39
chlorobenzene	5	32
naphthalene	11	14
benzo (a) pyrene	6	11
1,2-dichlorobenzene	5	9
o-cresol	5	7
chrysene	6	6
nitrobenzene	5	2
4-ethyltoluene	5	2
isooctane	72	<1
2-nitrophenol	C	<1
1,3-dichloropropene	C	<1
2,4-dinitrotoluene	C	<1
benzoic acid	C	<1
hexane	C	<1
pentachlorophenol	c	<1
methylcyclohexane	C	<1
16 PAH	c (total)	<1

- The Minimum Detection Limit (MDL) is defined as the lowest concentration of compound that yields a positive test result.
- b The % cross-reactivity is determined by dividing the equivalent BTEX concentration by the actual compound concentration at IC₅₀ (the concentration at 50% inhibition).
- Could not be detected by the D TECH® test at 500 ppm.

INTERFERING SUBSTANCES

The D TECH® BTEX Test Kit has been tested for results interference by other priority pollutants. A negative interference (none) indicates the target compound spiked into a BTEX sample at a concentration of 500 ppm, did not affect the BTEX result. The table below summarizes the data.

Compound	% Cross reactivity	Interference
Aroclor 1254	<1	none
16 PAH	<1	none
PCP	<1	none
Transformer Oil	<1	none

TIME-TEMPERATURE RELATIONSHIP

The D TECH® BTEX test uses an unique non-enzyme color development procedure. By eliminating the use of the enzyme in this test, the temperature dependency, characteristic of enzyme immunoassays, has been minimized. The incubation time is the same throughout the working temperature range of the kit. Reliable BTEX results are obtained when testing occurs in the temperature range of 45° to 100° F (7° to 38° C).

TEST VARIATION

The BTEX Test Coefficient of Variation (CV), also known as the Relative Standard Deviation (RSD), has been evaluated at various concentrations. The data indicate the average test RSD, based on concentration, is 9 %.

TESTING HIGHER BTEX CONCENTRATIONS

For further information, please call our technical service hotline 1-800-222-0342

REFERENCES

Test Methods for Evaluating Solid Waste, Physical/ Chemical Methods. SW-846; 3rd Edition #1; U. S. Environmental Protection Agency: Washington D.C., 1992.



QUALITY CONTROL

- 1. Read the test instructions completely before use to assure familiarity with the test procedure.
- Read the BTEX site sampling protocol prior to sampling to assure familiarity and compliance with the procedure.
- 3. Monitor the storage conditions of the tests. Expiration dates are dependent on storage temperature.
- 4. To insure test reproducibility, investigators should confirm that all samples analyzed are homogeneous and representative of the site of interest.
- 5. A reference must be run with each test. The reference serves as a positive control to ensure the performance of the test and to verify proper test execution.
- 6. Prior to analysis, the user should incorporate a quality assurance and quality control plan into the field testing procedure. We recommend adherence to USEPA data quality guidelines and suggest including the following steps in your QA/QC plan:
 - a. Record the operator's name, the date, time of collection and location of each sample.
 - b. Record any raw data, calculations and final results for each sample.
 - c. Document matrix and background effects by testing an uncontaminated sample taken on site.
 - d. Run a duplicate analysis on one of every 20 samples.
 - e. Confirm field sample analyses by submitting at least 10% of the samples for quantitation by an EPA approved method that is different from the field method. Representative samples should include 3 samples above and 2 samples below the minimum detection limit of the field assay.
- 7. Additional options:
 - a. Use performance evaluation standards daily for assay validation.
 - b. Document the method blank by completing the assay without introducing sample.
 - c. Perform a field analysis on a matrix spike to document any matrix effect on the analyte measured.

HEALTH/SAFETY

Material Safety Data Sheets (MSDS) have been supplied with the purchase of this product. The MSDS should be read before using this test. During the execution of the test, any excess BTEX is absorbed into the Cup Assembly absorbent plug. It is not retained on the surface of the Cup Assembly.

PROTECT EYES WITH SAFETY GLASSES AND PROTECT SKIN WITH PROTECTIVE GLOVES.

Associated Hazards: May be irritating to skin, eyes and mucous membranes.

Symptoms of Exposure: May be irritating on contact with skin, eyes and mucous membranes.

First Aid Measures: GET MEDICAL ASSISTANCE FOR ALL CASES OF OVEREXPOSURE

Skin: Wash thoroughly with soap and water

Eyes: Immediately flush with water for at least 15 minutes.

Inhalation: Remove to fresh air. Give artificial respiration if breathing has stopped.

Ingestion: Get immediate medical attention. If conscious, give water freely.



BTEX TEST KIT **INSTRUCTION GUIDE**

The DTECH® Field Test Products available from EM Science include:

D TECH Product	Item Number
TNT Test Kit RDX Test Kit TNT/RDX Soil Extraction Pac	TK-1004-1 TK-1005-1 TK-1001S-1
PCB in Soil Test Kit PCB Wipe Test Kit	TK-1002-1 TK-1002W-1
"NEW" BTEX Test Kit	TK-1008-1
(Dual Latex Particle Format) BTEX Soil Extraction Pac	TK-1003S-1
PAH Test Kit PAH Soil Extraction Pac	TK-1006-1 TK-1006S-1
TCE Test Kit	TK-1007-1
(Available June 1995) TCE Soil Extraction Pac (Available June 1995)	TK-1007S-1
PCP Test Kit	TK-1009-1
(Available September 1995) PCP Soil Extraction Pac (Available September 1995)	TK-1009S-1
ACCESSORIES	
DTECHTOR Meter	TK-1001M-1
Field Carry Bag	TK-1000-1

All D TECH® Test Kits are manufactured at Strategic Diagnostics Incorporated's GMP facility. All products are thoroughly quality controlled to consistently meet the published specifications.

GENERAL LIMITED WARRANTY EM SCIENCE shall not be All EM SCIENCE products are warranted to meet the specifications set forth on their label only. All other warranties, expressed or implied, including the warranties of MERCHANTABILITY AND FITNESS OF USE, are excluded. Any change or modification of an EM SCIENCE product or of its prescribed procedure for use may adversely affect its stated specification

Sable in the event of any such change or modification or for any indirect or consequential damages. All EM SCIENCE products are sold on the condition that they be used and disposed of only within the scope of ntly recognized critical standards related to human health and the physical environment.

Prices and specifications are subject to change without notice. We reserve the right to discontinue items without prior notice.

EM SCIENCE/Strategic Diagnostics Inc. 480 Democrat Road P.O. Box 70 Gibbstown, N.J. 08027 (800) 222-0342

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TK-1008-1 800-222-0342

Determining TPH Concentration for Various Fuels

the DTECHTOR

Determine the % relative reflectance using the DTECHTOR meter.

Use the conversion table below to determine the concentration range of TPH for the appropriate fuel.

		DTECHTOR Meter Reading			
	LO	0% - 25%	25% - 50%	50% - 75%	HI
Gasoline	<80 ppm	80-250 ppm	250-700 ppm	700-3000 ppm	>3000 ppm
Diesel	<40 ppm	40-750 ppm	750-2500 ppm	2500-5000 ppm	>5000 ppm
Kerosene	<60 ppm	60-700 ppm	700-2500 ppm	2500-9000 ppm	>9000 ppm
JP-4	<80 ppm	80-250 ppm	250-600 ppm	600-2000 ppm	>2000 ppm
JP-5	<100 ppm	100-700 ppm	700-2000 ppm	2000-9000 ppm	>9000 ppm
Jet A	<25 ppm	25-250 ppm	250-800 ppm	800-2000 ppm	>2000 ppm

OR

COLOR CARD

Match the color on the T side of the cup assembly to the BTEX Color Card.

Use the conversion table below to determine the TPH concentration for the appropriate fuel.

	Value from BTEX Color Card (ppm in soil))
	2.5	10	20	35
Gasoline	80 ppm	350 ppm	1100 ppm	3000 ppm
Diesel	40 ppm	1100 ppm	3500 ppm	5000 ppm
Kerosene	60 ppm	1000 ppm	4000 ppm	9000 ppm
JP-4	80 ppm	350 ppm	850 ppm	2000 ppm
JP-5	100 ppm	1100 ppm	3500 ppm	5000 ppm
Jet A	25 ppm .	450 ppm	1200 ppm	2000 ppm

Weathering effects, fuel manufacturer, and soil type may effect the reactivity profile of each fuel contaminant.

Questions regarding D TECH kit sensitivities or crossreactivities to petroleum fuels or other contaminants should be directed to your local D TECH technical sales representative, EM Science technical service, or the product manager.

Please call our technical service hotline 1-800-222-0342.



EM SCIENCE / Strategic Diagnostics Inc.

TPH Correlation of the BTEX Test Kit

USING THE BTEX TEST KIT TO TEST FOR TPH CONTAMINATION IN SOIL

The D TECH BTEX Test Kit can be used to test for TPH Contamination in Soil. The test kit can be used to detect gasoline, diesel, kerosene, and aviation fuels. Knowledge of the contaminating fuel type is necessary to obtain the highest level of accuracy for semi-quantitative testing.

SENSITIVITY

FUEL TYPE	MDL (Minimum Detection Level)
Gasoline	80 ppm
Diesel	40 ppm
Kerosene	60 ppm
JP-4	80 ppm
JP-5	100 ppm
Jet A	25 ppm

PRINCIPLE

The D TECH BTEX Test Kit detects a subset of the chemical components (primarily aromatic) in the petroleum fuels listed above. The composition of the fuel type will determine the reactivity profile, and the MDL (minimum detection level), for that petroleum product. All chemical components detectable by the test in a single sample are summed as one result.

TEST PROCEDURES

Perform the D TECH BTEX Test utilizing the BTEX Soil Extraction Pac (TK-1003S) and BTEX Test Kit (TK-1008) as outlined in their respective instruction guides. At the conclusion of the test, use the DTECHTOR Meter (TK-1001M/1) or Color Card and the corresponding tables on next page for result interpretation.



PCB SOIL EXTRACTION Pac INSTRUCTION GUIDE

TK-1002S-1 800-222-0342

IMPORTANT

Read all instructions and handling procedures before using this kit. For assistance call the TECHNICAL SERVICE HOT LINE 1-800-222-0342.

INTENDED USE

The D TECH™ PCB Soil Extraction Pac is designed to extract PCB from soil samples. This extract is analyzed using the D TECH PCB Test Kit (Item #TK-1002-1).

PRINCIPLE

Polychlorinated biphenyls (PCB) are compounds commonly found in capacitors, transformers and other systems. The natural gas transmission and distribution industry commonly faces PCB spill contamination problems. PCB contamination has also been recognized as one of the concerns prompting remedial actions at an estimated 20% or more of all National Priority List (NPL) Superfund sites. The presence of these compounds above defined levels is an indication of PCB contaminated soil.

The D TECH PCB Soil Extraction Pac uses an organic solvent to extract the compounds for analysis. Following this step the extracted compounds in the solvent are further prepared for analysis by an aqueous dilution. This enables the sample to be tested with the D TECHTM PCB Test Kit (Item #TK-1002-1).

KIT DESCRIPTION

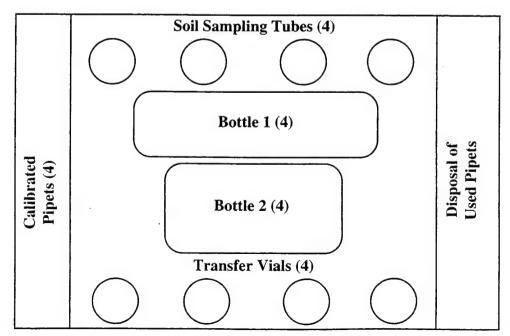
The D TECH PCB Soil Extraction Pac contains sufficient materials to perform four (4) soil sample extractions.

STORAGE/STABILITY

This kit has excellent stability at room temperature and under refrigeration. For expiration dating under these conditions, see package label.

MATERIALS PROVIDED

See tray diagram below. This diagram includes the D TECH PCB Soil Extraction Pac component names and quantity of each item.



Not shown in diagram

Used Kit Label (1)

Instruction Guide (1)

Red dot labels (4) for used Bottle 2 components.



PCB SOIL EXTRACTION Pac INSTRUCTION GUIDE

TK-1002S-1 800-222-0342

HEALTH/SAFETY

Material Safety Data Sheets (MSDS) have been supplied with the purchase of this product. The MSDS should be read before using this test.

Included in this section, we have emphasized health and safety precautions that should be followed when handling these solutions.

PROTECT EYES WITH SAFETY GLASSES PROTECT SKIN WITH PROTECTIVE GLOVES

PCB Bottle 1 (50674) 100% METHANOL

Associated Hazards

Flammable Liquid and Vapor (NO SMOKING OR OPEN FLAME).

Vapor Harmful.

May be fatal or cause blindness if swallowed.

Cannot be made non-poisonous.

Absorption through skin harmful.

May cause damage to lungs and central nervous system.

Symptoms of Exposure

After ingestion or inhalation, initial symptoms may be only that of mild intoxication, but may become severe after 12 to 18 hours.

Affects Central Nervous System, especially optic nerve.

Marked impairment of vision and enlargement of the liver has been reported with chronic exposure.

Causes dizziness, nausea, muscle weakness, narcosis and respiratory failure.

Ingestion can produce blindness (100 ml can be fatal).

Prolonged or repeated skin contact may cause irritation.

Fetal development abnormalities and effects on embryo or fetus have been reported from prolonged exposure to methyl alcohol in laboratory tests involving pregnant rats.

First Aid Measures

GET MEDICAL ASSISTANCE FOR ALL CASES OF OVEREXPOSURE

Skin: Eyes: Immediately flush thoroughly with large amounts of water.

2,03.

Immediately flush with water for at least 15 minutes.

Inhalation:

Remove to fresh air: give artificial respiration if breathing has stopped.

Ingestion:

If conscious, drink water and induce vomiting immediately as directed by medical

personnel. Never give anything by mouth to an unconscious person.

PCB Bottle 2 (50669) Diatomaceous Earth

Associated Hazards

May be irritating to skin, eyes and mucous membrane.

Prolonged or repeated inhalation may cause demage to respiratory system.

Symptoms of Exposure

May be irritating to eyes on contact.

Prolonged or repeated inhalation of dust may cause damage to respiratory system.

Prolonged skin contact may cause irritation.

First Aid Measures

GET MEDICAL ASSISTANCE FOR ALL CASES OF OVEREXPOSURE

Skin:

Wash thoroughly with soap and water.

Eves:

Immediately flush with water for at least 15 minutes.

Inhalation:

Remove to fresh air; give artificial respiration if breathing has stopped.

Ingestion:

Get immediate medical attention; if conscious, give water freely.

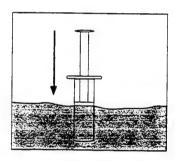
This package is designed to serve as a WORK STATION. At the conclusion of the test, the components can be left in the package for proper disposal.

TEST PROCEDURE

Sampling

Step 1: Break up the soil so that it is a uniform sample. See Sample Preparation Information (page 4) for further instructions. Draw back the Soil Sampling Tube plunger until it stops. Push the Soil Sampling Tube into the soil several times with a twisting action to firmly pack and fill the tube. Remove excess soil from external surface of the sampling tube and barrel end.

Step 2: Dispense the soil into Bottle 1 by positioning the barrel into the neck of the bottle and firmly pushing the plunger. If soil lodges in the neck of the bottle, use the sampling tube to push it into the bottle. If soil adheres to the threads of the bottle neck and cap, wipe clean before placing cap on bottle. Cap bottle tightly.





Extraction From Soil

Step 3: Mix the soil and liquid in Bottle 1 by shaking continuously over a 3 minute period.

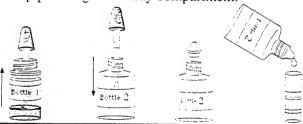


Step 4: Allow the soil to settle for approximately **1 minute.** Some soils will settle more slowly than others.

Diluting the Extraction Solution

Step 5: Remove cap from Bottle 2.

Step 6: Using the 2 ml Calibrated Pipet, remove 2 ml of the liquid layer from Bottle 1 and dispense it into Bottle 2; mix well. Replace cap tightly on Bottle 1 and return to tray. Place used pipet in right side tray compartment.



Step 7: Snap the filter tip onto the neck of Bottle 2. Squeeze Bottle 2 to deliver the filtered solution into the Transfer Vial. Use the Transfer Vial solution in Step 1 under Test Procedure for analysis in the D TECH PCB Test Kit (Item #TK-1002-1). If the last extraction has been performed, place the "Used Kit" label on the Soil Extraction Pac box to seal it.

Helpful Hint: Return Bottle 2 to tray. Red dot labels have been provided to indicate used Bottle 2 components.



PCB SOIL EXTRACTION Pac INSTRUCTION GUIDE

TK-1002S-1 800-222-0342

SAMPLE PREPARATION INFORMATION

To achieve a more homogeneous distribution and to insure reproducible test results, the soil sample should be mixed thoroughly. Remove all debris, such as sticks, stones and leaves, prior to using the D TECH Soil Sampling Tube. Sandy soil may require a scooping action to fill the tube. Squeezing the barrel of the Soil Sampling Tube will help to expel a tightly packed sample. Extraction of PCB is more effective if the soil plug is broken into sections during addition to Bottle 1.

Methanol has been proven to be an efficient PCB extractant. Methanol bottles should be kept capped to minimize evaporation.

VOLUME SAMPLING TECHNIQUE

The D TECH PCB Soil Extraction Pac measures sample size using an efficient and economical volumetric technique. As with weight-based measurements, volumetric measurements of soils in field testing applications are not absolute and are subject to the influence of moisture content, organic matter content, soil type, etc. Variation in sample size can be minimized by insuring the **Soil Sampling Tube** is evenly filled. The sample size of the D TECH **Soil Sampling Tube** is 3 cubic centimeters, which is equivalent to an average of 4.5 grams of dry soil.

QUALITY CONTROL

All D TECH Test Kits are thoroughly quality controlled and manufactured at Strategic Diagnostics Incorporated's GMP facility. All products undergo extensive validation and field testing to assure accuracy and reliability. All products are thoroughly quality controlled to meet the published specifications.

GENERAL LIMITED WARRANTY
All EM SCIENCE products
are warranted to meet the
specifications set forth on
their label only. All other warranties, expressed or implied,
including the warranties of
MERCHANTABILITY AND
FITNESS OF USE, are excluded.
Any change or modification
of an EM SCIENCE product or
of its prescribed procedure
for use may adversely affect
its stated specification.

EM SCIENCE shall not be liable in the event of any such change or modification or for any indirect or consequential damages. All EM SCIENCE products are sold on the condition that they be used and disposed of only within the scope of currently recognized critical standards related to human health and the physical environment.

Prices and specifications are subject to change without notice. We reserve the right to discontinue items without prior notice.

EM SCIENCE/Strategic Diagnostics Inc. 480 Democrat Road P.O. Box 70 Gibbstown, N.J. 08027 (800) 222-0342



TK-1002-1 800-222-0342

IMPORTANT

Read all instructions and handling procedures before using this kit. For assistance call the TECHNICAL SERVICE HOT LINE 1-800-222-0342.

INTENDED USE

The D TECH® PCB on-site and laboratory test kit is designed to provide quick, semiquantitative and reliable test results for making environmental decisions. The D TECH PCB Soil and Wipe Test Kits can be used on-site for identifying "hot spots", site mapping, monitoring of remediation processes and selecting site samples for laboratory analysis. In the laboratory, the D TECH PCB Test Kit can screen for highly contaminated samples that require pre-dilution prior to instrumental analysis. The D TECH PCB Wipe Test can be used to determine the effectiveness of a PCB clean up effort. The D TECH PCB Test Kit has a working range of 0.5 to 25 ppm for soil samples and a 10 to 250 µg per 100 cm² for wipe samples. This test specifically detects Aroclors 1254, 1260 and 1262 equally, reacts well with Aroclors 1242, 1248 and 1268, moderately with Aroclors 1232 and 1016 and shows little reactivity to Aroclor 1221. The table on page 6 lists the amount of an Aroclor that is required to yield a positive test result.

PRINCIPLE

The D TECH® system for analyzing a trace amount of PCB utilizes immunoassay technology. This proven technique uses an antibody as an analytical reagent. Antibodies are biological molecules with the ability to specifically bind only the target compound amidst a complex sample matrix, thus eliminating the need for extensive sample cleanup. By linking the antibody selectivity with a sensitive color indicator system, very low concentrations (ppm) of target compound can be determined. The color formed is inversely related to PCB concentration. In this test, the antibody recognizes all PCBs as a class. See the D TECH brochure "Immunoassay Comes to Environmental Testing" for a detailed explanation of the unique immunoassay format used.

TEST KIT DESCRIPTION

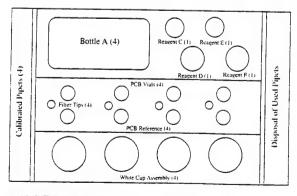
The D TECH PCB Soil Test Kit, Item #TK-1002-1, contains sufficient materials to perform four soil tests. All the materials needed to extract PCB from soils for semiquantitation are included. The D TECH PCB Wipe Test Kit, Item #TK-1002W-1, contains sufficient materials to perform four wipe tests. All the materials needed to extract PCB from surfaces for semiquantitation are included. Soil and wipe test results can be obtained by using the enclosed Color Card or the optional DTECHTOR Meter, Item #TK-1001M-1.

STORAGE AND STABILITY

This kit has a working temperature range from 45° to 100°F (7° to 38°C). For optimal stability, the kit should be stored from 40° to 100°F (4° and 38°C). Do not freeze the kit or store it in direct sunlight. The expiration dating varies with storage temperature. For expiration dating under various storage conditions, see the package label.

MATERIALS PROVIDED

See the tray diagram below. This diagram includes the kit component names and quantity of each item.



Not shown in diagram

Used Kit Label (1)
Instruction Guide (1)
Color Card (1)
Data Labels (4) for Cup Assembly
Red Dot Labels (4) for identifying
used Bottle A components

ACCESSORIES SUPPLIED BY USER

- Timing Device (minutes)
- the DTECHTOR Meter, Item #TK-1001M-1 (optional)



TK-1002-1 800-222-0342

Important: Once the test is initiated, all steps must be executed sequentially without stopping. Please read all the Health and Safety Comments on page 7 prior to use.

Note: This package is designed to serve as a WORK STATION. At the conclusion of the test, the components can be left in the package for proper disposal.

Step 1: After completing the sample extraction using the directions in the Extraction Pac, choose the corresponding sample type to determine Step 1.

SOIL SAMPLE: Using a clean calibrated pipet, transfer 0.5 mL of the Bottle 2 solution (soil extract) from the D TECH PCB Soil Extraction Pac to BottleA. Snap a filter tip on Bottle A and gently mix by inverting three (3) times. Replace the cap on Bottle 2 and set aside.

WIPE SAMPLE: Using a clean calibrated pipet, transfer 0.5 mL of the Bottle 1 solution (wipe extract) from the D TECH PCB Wipe Extraction Pac to Bottle A. Snap a filter tip on Bottle A and gently mix by inverting three (3) times.

Note: The vials in the next two steps need to stand 5 minutes (+/-30 seconds) after liquid is dispensed into them. The solutions in these vials will remain hazy.

Step 2: Squeeze Bottle A filling the PCB Test Vial (gray stopper) to a level between the two lines (approximately 13-14 drops). Gently mix by shaking the vial in a back and forth motion. Immediately proceed to step 3.

Step 3: Squeeze the contents of Reagent C (white cap) to fill the PCB Reference Vial (red stopper) to a level between the 2 lines. Gently mix by shaking the vial in a back and forth motion.

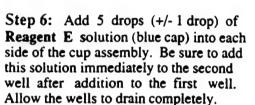
Note: Reconstitute the REFERENCE VIAL IMMEDI-ATELY after sample addition to the test vial. If analyzing several samples simultaneously, reconstitute a reference vial at the same time each test (sample) vial is filled.

Step 4: After 5 minutes (+/- 30 seconds) pour the contents of the PCB Test Vial into the T (test) side of the cup assembly. Immediately pour the contents of the Reference Vial into the R side of the cup assembly. Allow the liquid to drain completely on both sides.



Note: The next four (4) steps use dropper tipped bottles. When dispensing these reagents, do not allow any dropper tip to contact any solution(s) or surface in the device. To assure uniform color development across the device, dispense the drop onto the sloped side of the well to lessen its impact. Do not allow the drop to fall into the middle of the well.

Step 5: Add 10 drops (+/- 2 drops) of Reagent D solution (yellow cap) into each side of the cup assembly. Allow the liquid to drain completely.

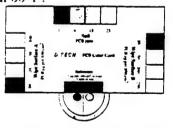






Step 7: Compare the color of the R (left) side of the cup assembly to the reference bar of the Color Card. When the color of the R Side matches the reference bar, the color development process should be stopped. Proceed to Step 8.

Note: Color development time is temperature dependent and takes approximately 10 minutes at 75°F. More time is required at lower temperatures and less time is required at higher temperatures. For example, this reaction may take 7 minutes at 85°F or it may take 20 minutes at 60°F.



Step 8: Add 8 drops (+/- 2 drops) of Reagent F solution (red cap) into each side of the cup assembly to stop color development. Allow to drain completely. Now determine the PCB concentration of the sample.

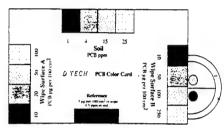
Note: The color in both wells is stable for approximately four (4) hours. For best results, sample concentrations should be determined within four (4) hours of the addition of Reagent F.



DETERMINING PCB CONCENTRATION

The results from the D TECH PCB Test Kit can be interpreted using either the Color Card supplied with the kit or *the* DTECHTOR and the table provided below. If the color of the test does not exactly match a panel of the color card, user interpretation is required

<u>COLOR CARD</u>: Match the color on the T side of the cup assembly to the **appropriate section of the Color Card**, e.g., a soil sample result should be compared to the soil panel of colors.



<u>the DTECHTOR</u>: Determine the % relative reflectance using the DTECHTOR. (see the Instrument Operator's Guide for complete instructions).

Use the conversion table below to determine the concentration range of total PCB in the sample. (See "Interpretation of the Soil and Wipe Tests" on page 5 to determine if wipe results should be determined from surface A or B.) Record the result on a Cup Assembly label and apply the label to the cup.

the DTECHTOR Table

Sample <u>Type</u>	the DTECHTOR Reading	PCB Equivalents
Wipe Surface A	LO - < 10 10 - 29 30 - 54 55 - 70 >70 - HI	<u>ug per 100 cm</u> ² < 10 10 - 19 20 - 49 50 - 100 > 100
Wipe Surface B	LO - < 20 20 - 34 35 - 49 50 - 65 > 65 - HI	vg per 100 cm ² < 10 10 - 49 50 - 99 100 - 250 > 250
Soil	LO - <10 10 - 20 21 - 40 41 - 60 61 - 70 > 70 - HI	ppm < 0.5 0.5 - 1.0 1.1 - 4.0 4.1 - 15 16 - 25 > 25

the DTECHTOR Meter Set Up

the DTECHTOR must be calibrated each time the meter is turned on. Calibrators are provided with the meter for this purpose. The Calibrator must be clean and white to insure valid results.

Note: To obtain the best results, do not take DTECHTOR readings in direct sunlight.

Step 1: Insert the Calibrator into the Meter Head and hold firmly in place.

ZERO

Step 2: Press the Square Button 1 time. When calibration is complete the meter will display.

SET



Step 4: Press the Square Button 2 times to select meter program #2 (the Program to be used for this D TECH test kit).



Step 5: Insert the Cup Assembly (test) into the Meter Head and firmly hold in place.



Note: The #2 in the upper right corner of the display window in Steps 4 & 5 corresponds to the meter program number being used to obtain the meter reading.

Step 6: Press the Square Button 1 time.



Obtain the meter reading. For example



Note: If the meter displays "WAIT", remove the Cup Assembly, Allow the reference color to develop further and try again.

Step 7: Record the result, then press the Square Button 1 time while holding the Cup Assembly in place.



Step 8: (Optional) Key in 4 digit sample ID code number. (This feature can be used for sample identification if the data is to be downloaded to a computer.)

Step 9: Remove the Cup Assembly.



Step 10: Insert the next Cup Assembly (test) and repeat Steps 5 - 9.



TK-1002-1 800-222-0342

PRECAUTIONS AND PROCEDURAL NOTES

- The test should be run at a temperature range of 45° to 100° F (7° to 38°C).
- The kit may be stored at a temperature range of 40° to 100°F (4° to 38°C). Storage at higher temperatures may irreversibly damage the reagents. Do not store the kit in direct sunlight. See the package label on the bottom of the test kit box for additional information
- Check the expiration date on the bottom of the kit prior to use. The expiration date is dependent on the storage temperature of the kits.
- Reagents from different kits CANNOT be mixed.
- Once initiated, the test should be run as quickly as possible. DO NOT STOP BETWEEN STEPS.
- The diluted sample extract and the reference reconstitution diluent (white cap) should be at approximately the same temperature before adding either to their respective test or reference vial.
- Avoid splashing any methanol from Bottle 1 when adding the soil plug. The rate at which the soil is expelled from the sampling tool can be controlled by squeezing the barrel of the sampling tool when depressing the plunger.
- The extraction is easier to perform if the soil is broken into sections during its addition to Bottle 1. This can be accomplished by expelling a portion of the soil from the sampling tool and touching it to the inside neck of the bottle. The soil will fall directly into the methanol.
- Some soils; especially clays, may require extremely rigorous shaking during extraction. If after three
 (3) minutes the soil plug is not uniformly dispersed, continue shaking with a rigorous top to bottom motion until the sample disperses. This may take up to five (5) minutes.

- Allow ample time for the soil to settle in Bottle 1.
 A clear methanol layer should form on the top of the soil. Certain clays and other soils may require up to thirty (30) minutes to cleanly separate.
- This test is temperature dependent. The reference serves as an incubation time indicator. DO NOT stop the test (Page 2 Step 8) until the color intensity produced in the reference well matches the reference color spot on the PCB color card. At 75°F, this reaction will take approximately ten (10) minutes. The warmer the temperature, the quicker the development occurs. For example, at 85°F this reaction may take seven (7) minutes and at 60°F this reaction may take twenty (20) minutes. For additional information, please see the "Time-Temperature Relationship" section on Page 6.
- The color produced by the test is stable for approximately four (4) hours. For best results, all sample concentrations should be determined within four (4) hours of the addition of Reagent F (Page 2 Step 8).
- This package is designed to serve as a WORK STATION. At the conclusion of the test, the components can be left in the package for proper disposal.
- Used kits should be disposed of in accordance with applicable federal and local regulations.
- A quality control program should be included in the sampling protocol. The type of program necessary may vary by state, compound of interest and site.
- Oil contamination exceeding 0.2% (2000 ppm) in a sample may interfere with the D TECH PCB test.
 This interference may yield a PCB concentration range that is lower than the actual PCB concentration contained in the sample. If a sample extract is discolored (usually yellow or brown), oil contamination should be suspected and the user should verify the result by an instrument method.



TK-1002-1 800-222-0342

INTERPRETATION OF THE SOIL & WIPE TESTS

The D TECH PCB Test Kit reports results of total PCB in a soil or wipe sample. This kit primarily detects Aroclors 1254,1260 and 1262, reacts well with Aroclors 1242,1248 and 1268, reacts moderately with Aroclors 1232 and 1016 and shows little reactivity with Aroclor 1221.

A positive test result may be due to the presence of PCBs, cross reactants or mixtures of these compounds. For best results, pre-characterize the site by analyzing a small number of representative samples using a traditional analytical method. Compare the pre-characterization results to the "Specificity" Table on page 6. If the PCB contamination consists primarily of PCBs with low reactivity, then the test will slightly underestimate the PCB concentrations. If the PCB contamination consist primarily of PCBs with high reactivity, the test will accurately define the PCB concentrations.

PCBs are extracted from different surfaces at different efficiencies. To evaluate the contamination level on a surface more accurately, the D TECH PCB Wipe Test has been designed to accommodate 2 general surface types. The "Surface A" column on the color card and DTECHTOR table is to be used when interpreting test results from non-porous surfaces such as smooth metal or glazed tile like surfaces. When testing painted surfaces, rusted metals or concrete like surfaces use the "Surface B" column to interpret your test results.

Sample heterogeneity, sampling technique, extraction efficiency and soil/wipe matrix effects all contribute to the variability in the D TECH PCB test. To obtain a 96% level of confidence in the results, the user must allow an interval of +/-20% of the indicated concentration. If you have any questions about the 96% confidence level around an action concentration, please call our technical service hotline at 1-800-222-0342 for assistance.

RELIABILITY

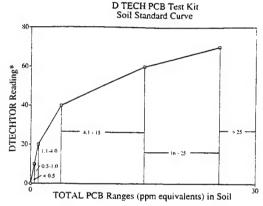
Studies have shown the D TECH PCB Test Kit to yield less than 1% false negatives and less than 10% false positives in soils and less than 1% false negatives and less than 8% false positives in wipes throughout the working range of the kit.

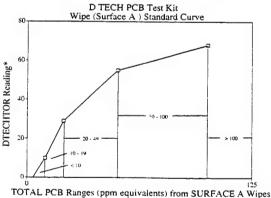
SENSITIVITY:

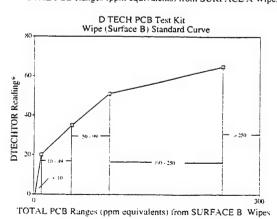
The D TECH PCB Test Kit can be used to measure PCB in the following ranges:

Sample	the DTECHTOR	Color Card
Soil (ppm)	0.5 - 25	1 - 25
Wipe (µg per 100 cm	1^2) 10 - 250	10 - 250

The Minimum Detection Limit (MDL) of the PCB test is 0.5 ppm in soil and 10 µg per 100 cm² in a wipe. A 96% confidence level occurs at 1.0 ppm in soil, 15 µg per 100 cm² in Surface A wipes and Surface B wipes.







PERFORMANCE CHARACTERISTICS

SPECIFICITY

The D TECH PCB Test Kit has been tested for cross reactivity with structurally similar compounds and other priority pollutants. The table below summarizes the cross reactivity of these compounds using the DTECHTOR. A positive test result may be due to the presence of PCB, cross reactants or mixtures of these compounds. Samples testing positive for PCB should be characterized by approved methods. The D TECH PCB Test Kit has been designed to minimize the effect of environmental interferences.

Compound	MDL ^a Soil	MDL ^a Surf A	MDLa Surf B	% Crossb reactivity
	5011	Juli	0011 2	
Aroclor 1016	5.7	102	51	12
Aroclor 1221	25	450	225	3
Aroclor 1232	9.0	164	82	10
Aroclor 1242	1.5	27	14	32
Aroclor 1248	0.8	14	7.2	42
Aroclor 1254	0.5	9	4.5	100
Aroclor 1260	0.5	9	4.5	100
Aroclor 1262	0.5	9	4.5	100
Aroclor 1268	3.8	69	34	25
Bifenox	25	452	224	3
Halowax 1000	1000	18100	8950	< 1
Halowax 1099	250	4525	2230	< 1
1-chloroanthracene	c	С	С	< 0.05
2-chloroanthracene	С	c	С	< 0.05
9-chloroanthracene	С	С	c	< 0.05
1-chloronaphthalene	С	c	С	< 0.05
9.10-dichloroanthracene	c c	С	С	< 0.05
1,2-dichlorobenzene	С	С	С	< 0.05
1,3-dichlorobenzene	С	С	С	< 0.05
1,4-dichlorobenzene	С	С	С	< 0.05
1,2,3-trichlorobenzene	С	С	С	< 0.05
1,2,4-trichlorobenzene	С	С	С	< 0.05
1.2.5-trichlorobenzene	С	c	С	< 0.05
1.2,4.5-tetrachlorobenze	: с	c	С	< 0.05
Pentachlorophenol	С	С	С	< 0.05
DDT	С	c	С	< 0.05
2.4-dichlorophenyl-				
benzenesulfonate	С	С	С	< 0.05

- The Minimum Detection Limit (MDL) is defined as the lowest concentration of compound that yields a positive test result. Soil concentrations = ppm, wipe concentrations = ug/100 cm²
- b The % cross-reactivity is determined by dividing the equivalent Aroclor 1254 concentration by the actual compound concentration at IC_{s0}.
- Could not be detected by the D TECH test at 1000 ppm in soil or 10,000 ug/100 cm² in wipes.

INTERFERING SUBSTANCES

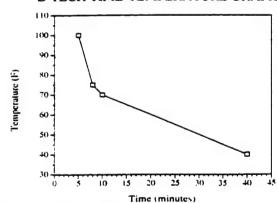
The D TECH PCB Test Kit has been tested for results interference by other priority pollutants. A negative interference (none) indicates the target compound spiked into a PCB sample at the indicated concentration, did not affect the PCB result. The table below summarizes the data.

	% Cross eactivity	Interference
500 ppm PAH	< 0.1%	none
500 ppm BTEX	< 0.1%	none
500 ppm PCP	< 0.05%	none
500 ppm Bifenox	3 %	higher result
500 ppm Oil (mineral)	< 0.05%	none
>2000 ppm Oil (mineral)	< 0.05%	lower result

TIME-TEMPERATURE RELATIONSHIP

All enzyme immunoassays are temperature dependent. At cooler temperatures, the color development step of the D TECH PCB test will take longer than 10 minutes. A time-temperature graph has been provided to illustrate this point. This graph should not be used to determine the time to run a test at a given temperature, but rather as a guide to estimate the time necessary to complete the development step. All tests should be run until the color produced by the reference matches the reference bar on the color card.

D TECH TIME-TEMPERATURE GRAPH



TEST VARIATION

The PCB Test Coefficient of Variation (CV), also known as the Relative Standard Deviation (RSD), has been evaluated at various concentrations. The data indicate the average test RSD, based on concentration, is 10%

TESTING HIGHER PCB CONCENTRATIONS

For further information, please call our technical service hotline 1-800-222-0342



TK-1002-1 800-222-0342

QUALITY CONTROL

- 1. Read the test instructions completely before use to assure familiarity with the test procedure.
- 2. Monitor the storage conditions of the tests. Expiration dates are dependent on storage temperature.
- 3. To insure test reproducibility, investigators should confirm that all samples analyzed are homogeneous and representative of the site of interest.
- 4. A reference must be run with each test. The reference serves as a positive control to ensure the performance of the test and to verify that test procedures were properly followed.
- 5. Prior to analysis, the user should incorporate a quality assurance and quality control plan into the field testing procedure. We recommend adherence to USEPA data quality guidelines and suggest including the following steps in your QA/QC plan:
 - a. Record the operator's name, the date, time of collection and location of each sample.
 - b. Record any raw data, calculations and final results for each sample.
 - c. Document matrix and background effects by testing an uncontaminated sample taken on site.
 - d. Run a duplicate analysis on one of every 20 samples.
 - e. Confirm field sample analyses by submitting at least 10% of the samples for quantitation by an EPA approved method that is different from the field method. Representative samples should include 3 samples above and 2 samples below the minimum detection limit of the field assay.
- 6. Additional options:
 - a. Use performance evaluation standards daily for assay validation.
 - b. Document the method blank by completing the assay without introducing sample.
 - c. Perform a field analysis on a matrix spike to document any matrix effect on the analyte measured.

HEALTH/SAFETY

Material Safety Data Sheets (MSDS) have been supplied with the purchase of this product. The MSDS should be read before using this test. During the execution of the test, any excess PCB is absorbed into the **Cup Assembly** absorbent plug. It is not retained on the surface of the **Cup Assembly**.

PROTECT EYES WITH SAFETY GLASSES AND PROTECT SKIN WITH PROTECTIVE GLOVES.

Associated Hazards:

May be irritating to skin, eyes and mucous membranes.

Symptoms of Exposure:

May be irritating on contact with skin, eyes and mucous membranes.

First Aid Measures:

GET MEDICAL ASSISTANCE FOR ALL CASES OF OVEREXPOSURE

Skin:

Wash thoroughly with soap and water

Eyes:

Immediately flush with water for at least 15 minutes.

Inhalation:

Remove to fresh air. Give artificial respiration if breathing has stopped.

Ingestion:

Get immediate medical attention. If conscious, give water freely.



TK-1002-1 800-222-0342

The D TECH® Field Test Products available from EM Science include:

D TECH Product	Item Number
TNT Test Kit RDX Test Kit TNT/RDX Soil Extraction Pac	TK-1004-1 TK-1005-1 TK-1001S-1
PCB in Soil Test Kit PCB Wipe Test Kit	TK-1002-1 TK-1002W-1
BTEX Test Kit BTEX Soil Extraction Pac	TK-1003-1 TK-1003S-1
PAH Test Kit PAH Soil Extraction Pac	TK-1006-1 TK-1006S-1
"NEW" BTEX Test Kit (Available February 1995)	TK-1008-1
TCE Test Kit (Available June 1995) TCE Soil Extraction Pac (Available June 1995)	TK-1007-1 TK-1007S-1
PCP Test Kit (Available September 1995) PCP Soil Extraction Pac (Available September 1995)	TK-1009-1 TK-1009S-1
ACCESSORIES	
DTECHTOR Meter	TK-1001M-1
Field Carry Bag	TK-1000-1

All D TECH Test Kits are manufactured at Strategic Diagnostics Incorporated's GMP facility. All products are thoroughly quality controlled to consistently meet the published specifications.

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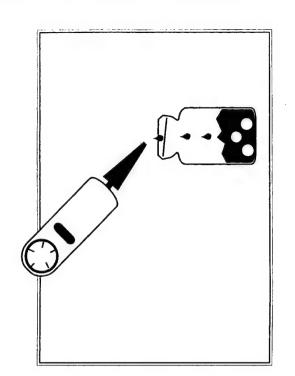
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Lit. No. TS050, 1/96

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EnviroGard Soil Extraction Bottle

Introduction

This document describes how to use the EnviroGard Soil Extraction Bottle Kit. It contains details on:

- Purpose of the kit
- Parts in the kit and materials you need to supply
- Extraction procedures
- Product ordering information

What is the EnviroGard Soil Extraction Bottle Kit?

The EnviroGard™ Soil Extraction Bottle Kit enables you to extract pesticides and industrial contaminants from soil. This kit contains enough material for 14 soil samples. Once you extract the soil, you can test it using one of the EnviroGard in Soil Test Kits. Call your local Millipore office for details.

Parts of the Kit

This kit includes the following items:

Part	Diagram
18 Weigh boats	
18 Wooden spatulas	
14 Soil extraction bottles (each containing three mixing beads) with caps	
1 Syringe, 20 cubic centimeters (cc) with coupler	* 5
1 Syringe coupler	Ť
14 Millex®-HV ₁₃ filter units	-
14 Filter caps	
14 Glass storage vials with caps, 4 milliliters (mL)	
14 Stoppers	–
14 Blank labels	00

NOTE: The syringe coupler, Millex *-HV₁₃ filter units, storage vial caps, and stoppers are packaged under the weigh boat compartment.

EnviroGard Soil Extraction Bottle Kit

Materials You Supply

You need to supply:

- Methanol or other extraction solvent (type and amount depends on the EnviroGard test kit you plan to use)
- Portable balance
- Pen or marker
- Timer
- Repeater[®] pipette with 50 mL pipette tips (included with the EnviroGard Soil Field Lab [ENVR L00 09])
- Soil extraction bottle rack (included with the EnviroGard Soil Field Lab)

NOTE: The bottle rack is optional. Use it to extract up to six soil samples simultaneously.

Soil Preparation and Extraction Procedures

The following sections describe how to:

- Prepare the soil sample
- Extract the sample from the soil
- Filter the sample by squeezing the bottle or by using a syringe to pressurize the bottle.

Prepare the Soil Sample

Step	Action
-	Collect a soil sample. Then organize these items at a work area:
	■ Weigh boat
	■ Wooden spatula
	■ Portable balance
	 Soil extraction bottle with cap
	Pen or marker
7	Place the weigh boat on the balance and press ONMEMORY. Then weigh out 5.0 grams (g) of soil into the weigh boat using the wooden spatula.
	NOTE: The amount of soil you use may vary, depending on the assay. Refer to your EnviroGard test kit instructions.
m	Uncap the soil extraction bottle and label it appropriately. Then fold the weigh boat into the mouth of the bottle and pour in your sample. Discard the boat and spatula appropriately. Repeat steps 1–3 for each sample you want to test. See the next section for steps to extract the sample.

EnviroGord Soil Extraction Bottle Kit

Extract the Sample

Step		Action
1	Place these items at your work area:	area:
	 Repeater pipette with a 50 mL tip 	mL tip
	 Methanol or other extracti 	Methanol or other extraction solvent (See your test kit instructions.)
	■ Timer	
2	Attach the 50 mL tip to the Rel to 5 mL.) If you have the TNT	Attach the 50 mL tip to the Repeater pipette and set the dial to 5. (This is equivalent to 5 mL.) If you have the TNT in Soil kit, set the pipette to 4 instead of 5.
8	Uncap each soil extraction bo to each bottle. The amount of the EnviroGard test kit you us	Uncap each soil extraction bottle (if necessary). Add methanol or extraction solvent to each bottle. The amount of methanol or extraction solvent you add depends on the EnviroGard test kit you use. Refer to this chart for details:
	If You Use This Kit	Use This Amount of Methanol (or Solvent)
	PCB, TPH, BTEX, PAH, PCP, 2,4-D°, or DDT in Soil	5 mL for a 5 g soil sample
	Toxaphene or Chlordane in Soil	10 mL of 90% methanol in water—deliver to extraction bottle twice to add the 10 mL to a 5 g soil sample
	TNT in Soil	8 mL—deliver to extraction bottle twice to add the 8 mL to a 2 g soil sample
	* Use extraction solvent instead	* Use extraction solvent instead of methanol; see kit instructions for details.

extraction solvent to each sample. Otherwise, the samples soak up all of the methanol or extraction solvent, leaving little or no excess liquid to decant. When interpreting results, factor the dilution into the calculations. For example, you will need to multiply each of the calibrator concentrations by the ratio of methanol or extraction solvent (in ml.) to soil (in g.). See your test kit instructions for details. Screw the cap back onto the extraction bottle; tighten it to prevent leaks. Set the timer for two minutes and agitate the bottle for that length of time. See the next section for details on filtering the sample. CAUTION: If you have clay samples, add an additional 5.0 mL of methanol or

This section describes how to filter the sample in two ways. For example, you can:

Squeeze the bottle

OR

■ Use a syringe to pressurize the bottle

See the steps you want to use.

Filter the Sample by Squeezing the Bottle

-	Action
	Place these items at your work area:
	■ Filter cap
	■ Millex-HV ₁₃ filter unit
	■ Glass storage vial and cap
	Remove and discard the extraction bottle cap. Then tightly screw a filter cap on the bottle. Attach a Millex-HV ₁₃ filter unit to the filter cap.
	Invert the extraction bottle. Insert the filter outlet into the mouth of the glass storage vial. Hold the vial steady and squeeze the bottle until you filter the necessary amount of soil extract.
	NOTE: The amount you need depends on the EnviroGard test kit you use. Refer to your kit instructions.
	Remove the extraction bottle from the vial and discard appropriately. Cap the glass storage vial for testing at a later date, or begin testing the extract with the appropriate EnviroGard test kit. See your test kit instructions for details.

EnviroGard Soil Extraction Bottle Kit

Filter the Sample by Pressurizing the Bottle

Sten	Action
1	Place these items at your work area before you filter your sample(s):
	■ Filter caps
	■ Millex-HV ₁₃ filter unit
	Syringe, 20 cc with coupler
	Glass storage vial with cap
	■ Stopper
	Soil extraction bottle rack, six-place (optional)
77	Remove and discard the extraction bottle cap. Then tightly screw a filter cap on the bottle. Attach the Millex-HV ₁₃ filter unit to the filter cap.
60	Draw air into the syringe by pulling the plunger to the 20 mL mark. Then twist the syringe assembly firmly onto the open end of the filter unit.

Continued

Filter the Sample by Pressurizing the Bottle, Continued

Step	Action	٠
4	Push down the plunger. This creates enough pressure in the soil extraction bottle to drive the soil extract through the filter.	•
~	Hold the Millex-HV ₁₃ filter unit and twist off the syringe coupler to remove the syringe assembly. Immediately invert the pressurized extraction bottle and insert the filter outlet into the mouth of the glass storage vial.	
	CAUTION: Hold the assembly or place it in a rack to prevent tipping. If you use a rack, do not leave the assembly unattended; the soil extract may overflow and contaminate your work area.	•

EnviroGard Soil Extraction Bottle Kit

Filter the Sample by Pressurizing the Bottle, Continued

Step	Action
9	Wait until you filter the necessary amount of soil extract into the vial. (The amount you need depends on the EnviroGard test kit you use. Refer to your kit instructions for specific quantities.) Remove the bottle from the vial. Put a stopper onto the filter outlet to stop the flow. Then discard the extraction bottle appropriately.
	<>•□
7	Cap the glass storage vial for testing at a later date, or begin testing the extract with the appropriate EnviroGard test kit. See your test kit instructions for details.

Product Ordering Information

The following chart lists the catalogue numbers for the EnviroGard Soil Extraction Bottle Kit and related products.

Description	Catalogue Number
EnviroGard Soil Extraction Bottle Kit, 14/pk ENSP 000 30	ENSP 000 30
Methanol, 100 mL	ELCR 000 07
EnviroGard Soil Field Lab	ENVR L00 09
Soil Extraction Bottle Rack, six-place	ENVR SPO 30
Soil Extraction Bulk Kit (100/pk)	ENVR 100 30

Continued

Technical Assistance

Call the office in your country to order parts or additional product information or to contact Technical Service.

NOTE: To receive the our laboratory products catalogue (Millipore Direct), call your local Millipore office. Or, look us up on the Internet (http://www.millipore.com).

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CARADA	Tel. (02) 250781	
Analytical Division:	Roma:	SWEDEN
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BioProcess Division:		
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EnviroGard Soil Extraction Bottle Kit

Ξ

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MILLIPORE

EnviroGard[™] Chlordane in Soil Test Kit ENVR 000 40

Intended Use

The EnviroGard Chlordane in Soil Test Kit is a semiquantitative field test for the detection of Chlordane in soil. The EnviroGard Chlordane in Soil Test Kit allows reliable and rapid screening for chlordane at 20, 100, and 600 parts per billion (ppb) in soil.

Test Principles

The EnviroGard Chlordane in Soil Test Kit is based on the use of polyclonal antibodies that bind either Chlordane or Chlordane-Enzyme Conjugate. These antibodies are immobilized to the walls of the test tubes. When Chlordane is present in the sample, it competes with the Chlordane-Enzyme Conjugate for a limited number of antibody binding sites.

- A sample containing Chlordane is added to a test tube containing Assay Diluent. Chlordane-Enzyme Conjugate is then added to the test tube. The Chlordane-Enzyme Conjugate competes with the Chlordane for the antibody binding sites.
- After the incubation, the unbound molecules are washed away.
- A clear solution of chromogenic Substrate is then added to the test tube. In the presence of bound Chlordane-Enzyme Conjugate, the clear Substrate is converted to a blue color. One enzyme molecule can convert many Substrate molecules.

Since there are the same number of antibody binding sites on every test tube and each test tube receives the same number of Chlordane-Enzyme Conjugate molecules, a sample that contains a low concentration of Chlordane allows the antibody to bind many Chlordane-Enzyme Conjugate molecules. The result is a dark blue solution.

Conversely, a high concentration of Chlordane allows fewer Chlordane-Enzyme Conjugate molecules to be bound by the antibodies, resulting in a lighter blue solution.

Note: Color is inversely proportional to Chlordane concentration.

Darker color = Lower concentration Lighter color = Higher concentration

Performance Characteristics

The EnviroGard Chlordane in Soil Test Kit will not differentiate between Chlordane and other structurally similar compounds, but will detect their presence to differing degrees. The following table shows a number of compounds and the approximate concentration of each required to yield a positive result (Lower Limit of Detection or LLD). It also shows the concentration required to inhibit one-half of the color developed by the Negative Control (IC50). Concentration is in parts per million (ppm), or parts per billion (ppb) in soil.

Compound	ITD	IC50
Cniordane	14 ppo	100 ppb
Endrin	6 ppb	22 ppb
Endosulfan I	6 ppb	36 ppb
Endosulfan II	6 ppb	28 ppb
Dieldrin	6 ppb	42 ppb
Heptachlor	6 ppb	34 ppb
Aldrin	20 ppb	116 ppb
Toxaphene	0.2 ppm	2.8 ppm
Gamma-BHC *	0.6 ppm	4.6 ppm
Alpha- BHC	2 ppm	19 ppm
Delta-BHC	2 ppm	40 ppm

^{*}Gamma-BHC is Lindane

Precautions

- Treat Chlordane, solutions that contain Chlordane and potentially contaminated soil samples as hazardous materials.
- Where appropriate, use gloves, proper protective clothing, and methods to contain and handle hazardous material.

- Store all test kit components at 4°C to 8°C (39°F to 46°F) when not in use.
- Do not freeze test kit components or expose them to temperatures greater than 37°C (99°F).
- Allow all reagents to reach ambient temperature (18°C to 27°C or 64°F to 81°F) before beginning the test.
- Do not use test kit components after the expiration date.
- Do not use reagents or test tubes from one test kit with reagents or test tubes from a different test kit.
- Use approved methodologies to confirm any positive results.
- Do not dilute or adulterate test reagents or use samples not called for in the test procedure; this may give inaccurate results.
- Tightly recap the Chlordane calibrator vials to prevent evaporative loss.
- Distribution of Chiordane in soils may be highly variable. The use of a composite sampling technique may be appropriate. Development of a sampling plan that assures adequate sample number and distribution is the responsibility of the analyst.

Materials Provided

EnviroGard Chlordane in Soil Test Kit

This test kit contains the following items:

- 20 Antibody-Coated Test Tubes
- 1 vial of Assay Diluent
- 1 vial of Negative Control (methanol)
- vial of 20 ppb Chlordane Calibrator in methanol (actual concentration is 10 ppb)
- vial of 100 ppb Chlordane Calibrator in methanol (actual concentration is 50 ppb)
- vial of 600 ppb Chlordane Calibrator in methanol (actual concentration is 300 ppb)
- 1 vial of Chlordane-Enzyme Conjugate
- 1 vial of Substrate
- 1 vial of Stop Solution
- 1 20-place Test Tube Rack

22 Pipette Tips, pink (for the Gilson M-25 Microman® Positive Displacement Pipettor)

NOTE: To determine the chlordane concentration in soil, a dilution factor of 2 has been calculated in. This factor of 2 is derived from extraction of the 5 grams of soil with 10 mL of solvent.

Materials Required and Ordered Separately

See "Ordering Information" for the appropriate catalogue numbers.

EnviroGard Soil Extraction Bottle Kit

Use this kit for the extraction of Chlordane in soil samples. This kit contains enough devices to process 14 samples:

- 14 30 milliliter (mL) LDPE Bottles with screw caps (each bottle contains stainless steel mixing beads)
- 14 filtration caps
- 14 Millex® HV₁₃ filters
- 18 Wooden Spatulas
- 1 Syringe with coupler
- 1 Syringe coupler
- 14 Screw Top Glass Vials, 4.0 mL
- 14 Stoppers
- 18 Weigh Boats

Methanol

ACS reagent grade Methanol is required for soil extraction, but is not included in the EnviroGard Soil Extraction Bottle Kit. You must order it separately. (See "Ordering Information.")

Prepare a 90% Methanol extraction solvent by mixing 180 ml of Methanol with 20 ml of laboratory grade water and mix thoroughly before use.

Materials Required but Not Provided

You will also need several other items, some of which are included in the EnviroGard Soil Field Lab.

(See "Ordering Information" for the appropriate catalogue number).

- Gilson M-25 Microman Positive Displacement Pipettor
- EppendorfTM Repeater[®] Pipettor and five Combitips[®] (3 x 12.5 mL, 1 x 5.0 mL, and 1 x 50 mL)
- Balance capable of accurately weighing 5 grams
- Millipore Differential Photometer or Enviro-Quant Photometer
- Indelible marker for labeling test tubes
- Watch or timer
- Clean running water or a wash bottle containing tap or deionized water (500 mL)
- Calculator (optional)

Suggestions for Pipettor Use

- Practice using both pipettors (positive displacement and Repeater pipettor) with water and extra tips before you analyze your samples.
- Use a new tip each time you use the Repeater pipettor to avoid reagent cross-contamination.
 Label three 12.5 mL tips "Diluent", "Substrate" and "Stop," and one 5.0 mL tip "Conjugate".
- Draw the desired reagent volume into the Repeater pipettor and dispense one portion of the reagent back into the container to properly engage the ratchet mechanism. If you do not do this, the first volume delivered may be inaccurate.
- To add reagents using the Repeater pipettor, pipette down the side of the test tube just below the rim.
- To add samples and calibrators using the positive displacement pipettor, pipette down the side of the test tube just above the liquid level.
- The carryover volume of the positive displacement tips is minimal, but may affect results if you are going from a high to low Chlordane concentration. Use a new pipettor tip each time you pipette a new unknown.

Assay Procedure

Collect/Store the Sample

- Collect soil in appropriately-sized and labeled containers.
- Take care to remove excess twigs, organic matter and rocks or peobles from the sample.
 For best results, wet soils should be air-dried overnight and thoroughly mixed before testing.
- 3. Store soil samples at 4°C (39°F).

Prepare the Sample/Extract the Soil

- 1. Please follow the instructions from the EnviroGard Soil Extraction Bottle Kit to prepare the soil extract before the assay.
- 10 ml of 90% Methanol in water will be used to extract chlordane residue from a 5 gram soil sample. As per instructions, attach a 50 mL Combitip to the Repeater pipettor and set the dial to 5. Deliver twice to add 10 mL of 90% methanol to the extraction vial, and cap tightly.

Perform the Test

NOTE: Allow all reagents and sample extracts to reach room temperature (approximately 60 minutes) before you begin the test.

Remove the test tubes from the plastic bag and label them as follows*:

Tube Label	Tube Contents
NC	Negative Control
C1	20 ppb Calibrator
C2	100 ppb Calibrator
C3	600 ppb Calibrator
S1	sample 1
S2	sample 2
etc.	-

*You are not required to perform the assay in duplicate; however, doing so will increase the precision.

1. Place the test tubes in the test tube rack. Push down on each tube so that it is held firmly and does not fall out of the rack when shaken.

CAUTION: Do not "snap" the test tubes into the rack as this may result in a cracked tube.

- Attach the 12.5 mL Combitip labeled "Diluent" to the Repeater pipettor and adjust the dial to 1. Add 250 microliters (μL) of Assay Diluent to each test tube.
- 3. Attach a clean pink pipette tip to the Microman pipettor and adjust the dial to "050". Add 50 μL of each calibrator (including negative control) to the corresponding test tube by placing the end of the pipette tip against the side of the tube (just above the level of the Assay Diluent) and dispensing the volume. Use a clean pipette tip each time.

CAUTION: Replace the caps on the calibrator vials immediately after use to minimize evaporation.

- Using a clean tip for each sample, add 50 μL of each sample extract to the appropriately-labeled test tube.
- 5. Let test tubes incubate for 15 minutes.
- Attach the 5.0 mL Combitip labeled "Conjugate" to the Repeater pipettor and adjust the dial to 2. Add 200 μL of Chlordane-Enzyme Conjugate to each test tube.

Shake the test tube rack to mix for 10 to 15 seconds. Leave the test tubes undisturbed for 5 minutes.

7. Vigorously shake out the test tube contents into a sink or suitable container. Fill the test tubes to overflowing with cool tap or distilled water, then decant and vigorously shake out the remaining water.

Repeat this wash step three more times, being certain to shake out as much water as possible on each wash. After the final wash, remove as much water as possible by tapping the inverted tubes on absorbant paper.

Attach the 12.5 mL Combitip labeled "Substrate" to the Repeater pipettor and set the dial to 2.
 Add 500 μL of Substrate to each test tube. Leave the test tubes undisturbed for 3 minutes.

NOTE: If a blue color does not develop in the Negative Control test tube within 3 minutes after adding the Substrate, the test is invalid and you must repeat it.

Interpret the Results

You can either interpret the results visually within 3 minutes after adding the Substrate to each test tube, or you can perform a more precise analysis with a photometer after you add the Stop Solution.

Visual Interpretation

After you add the Substrate, wait 3 minutes then mix the test tubes by shaking them for a few seconds until they are a uniform blue color. Compare the sample test tube to the calibrator test tubes against a white background. The test tube rack in the kit is well-suited for this purpose.

- If a sample test tube contains more color than the calibrator test tube, the sample contains Chlordane at a concentration lower than the calibrator.
- If a sample test tube contains *less* color than the calibrator test tube, the sample may contain Chlordane at a concentration *greater* than the calibrator.
- If the sample test tube contains color that is between the calibrator test tubes, the sample contains Chlordane at a concentration between the calibrator concentrations.
- If a sample test tube contains approximately the same amount of color as the calibrator test tube, the sample contains Chlordane at a concentration approximately equal to the calibrator.
- If the sample test tube contains less color than the 600 ppb Calibrator test tube, you may dilute a fraction of the soil extract in 90% methanol (for example, 1:10) and perform the assay again. To determine the concentration of the diluted extract multiply the result by the dilution factor. (Go to "Semi-Quantitative Interpretation" for further details.)

Photometric Interpretation

After you add the Substrate, wait 3 minutes then add the Stop Solution to each test tube.

WARNING: Stop solution is 1N Hydrochloric acid. Handle carefully.

Attach the 12.5 mL Combitip labeled "Stop" to the Repeater pipettor and set the dial to 2. Add 500 μ L of Stop Solution to each test tube. This converts the blue color in the test tubes to yellow.

NOTE: After you add Stop Solution to the test tubes, results should be read within 30 minutes.

Millipore Differential Photometer

- 1. Place a water blank test tube containing 1.5 mL of Milli-RO® or Milli-Q® water, or equivalent in the left (reference) well.
- 2. Place the Negative Control test tube into the right (sample) well. Record the optical density (OD) of the Negative Control.
- Remove the Negative Control test tube and replace it with the 20 ppb Calibrator test tube to reactivate the photometer. Record the result. Repeat this step to determine the OD for each of the remaining calibrators and for each sample.

Semi-quantitative Interpretation

Compare the OD of each sample to the OD of each calibrator:

- If a sample OD is equal to the OD of a calibrator, the sample contains Chlordane at a concentration approximately equal to the calibrator.
- If a sample OD is greater than a calibrator OD, the sample contains less Chlordane than the calibrator.
- If a sample OD is lower than a calibrator OD, the sample may contain more Chlordane than that calibrator.
- If an assay result indicates that a soil sample contains greater than 600 ppb Chlordane, but you need more specific information, the soil extract may be diluted 1:10 in 90% methanol, and assayed again. You must then multiply the results of the re-assay by 10 to determine the approximate sample extract concentration.

NOTE: If you know in advance that the "action level" of interest is greater than 1 ppm Chlordane in soil, the assay may be modified to pinpoint that particular concentration.

Example Data

Actual OD values will vary. This data is for demonstration purposes only.

		-
Tube	OD	Interpretation
NC	0.90	
C1 (20 ppb)	0.65	
C2 (100 ppb)	0.49	
C3 (600 ppb)	0.35	
\$1	0.58	>20 ppb < 100 ppb
S2	0.16	> 600 ppb .

NOTE: The EnviroQuant Photometer is also available from Millipore. This dual wavelength instrument measures the OD at 450 nanometers (nm) minus 600 nm of all samples and calibrators, and provides a printout of results. See "Ordering Information" for the appropriate catalogue number.

Limitations of the Procedure

Soil sampling error may significantly affect testing reliability. The distribution of pesticides in different soils can be extremely heterogeneous. Soils should be dried and homogenized before analysis by any method. Split samples (i.e. for GC and immunoassay) should always derive from the same homogenate.

Ordering Information

The following table lists descriptions and catalogue numbers for the EnviroGard Chlordane in Soil Test Kit, Soil Extraction Bottle Kit, and related products.

Description	Catalogue Number
EnviroGard Chlordane in Soil Test Kit	ENVR 000 40
EnviroGard Soil Extraction Bottle Kit	ENSP 000 30
Methanol for soil extraction, 100 mL bottle	ELCR 000 07
Millipore Differential Photometer: 115 volt (V), or 230 V	ENVR 000 00 ENVR 002 30
EnviroQuant Photometer, 110V, or EnviroQuant Photometer, 220V EnviroQuant Replacement Paper, 12 rolls	ENVR T11 00 ENVR T22 00 ENVR T11 02
 EnviroGard Replacement Pipettor Tips (available separately): Positive displacement pipettor tips, 50-250 μL range 200/pk (not preassembled) Repeater pipettor tips, 5.0 mL, 100/pk Repeater pipettor tips, 12.5 mL, 100/pk Repeater pipettor tips, 50 mL, 10/pk 	ENVR L07 09 ENVR L01 09 ENVR L02 09 ENVR L03 09
 EnviroGard Soil Field Lab includes: 1 Portable balance with 100 gram calibrator weight 1 Eppendorf Repeater pipettor 3 5.0 mL Pipette tips for the Repeater pipettor, for 0.1 mL through 0.5 mL dispensing volumes 6 12.5 mL Pipette tips for the Repeater pipettor, for 0.25 mL through 1.250 mL dispensing volumes 1 50 mL Pipette tip for the Repeater pipettor, for 1.0 mL through 5.0 mL dispensing volumes 1 Positive displacement precision pipettor, adjustable (2-250 μL) 1 Electronic timer 6 Polystyrene test tubes, 12 mm X 75 mm (for blanking the spectrophotometer and dilutions) 4 Test tube racks, six-position 1 Wash bottle, 500 mL 1 125 mL large mouth bottle 2 Work stations 1 Soil extraction rack 	ENVR L00 09
Contact Millipore Technical Service for kit component replacement or reordering information. (See the "Technical Assistance" section for the number of the Millipore office nearest you.)	

Technical Assistance

To Place an Order or Receive Technical Assistance, call the nearest number listed below:

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In the U.S. FAX Orders (617) 533-8873 In Canada FAX Orders (613) 225-9366

Millipore Worldwide:

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Safety

To receive complete safety information on this product, contact the nearest Millipore office and request Material Safety Data Sheet documents P70002, P34782, P34207 and P34210.

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P35413, Rev - 9/8/95

MILLIPORE EnviroGard™ DDT in Soil Test Kit ENVR 000 31

Intended Use

The EnviroGard DDT in Soil Test Kit is a qualitative or semi-quantitative field test for the detection of DDT and its metabolites DDD and DDE in soil. The EnviroGard DDT in Soil Test Kit allows rapid semi-quantitative screening for DDT at 0.2, 1.0, and 10.0 parts per million (ppm) in soils.

Test Principles

The EnviroGard DDT in Soil Test Kit is based on the use of polyclonal antibodies that bind either DDT or DDT-Enzyme Conjugate. These antibodies are immobilized to the walls of the test tubes. When DDT is present in the sample, it competes with the DDT-Enzyme Conjugate for a limited number of antibody binding sites.

- A sample containing DDT is added to a test tube containing Assay Diluent. DDT-Enzyme Conjugate is then added to the test tube. The DDT-Enzyme Conjugate competes with the DDT for the antibody binding sites.
- After the incubation, the unbound molecules are washed away.
- A clear solution of chromogenic Substrate is then added to the test tube. In the presence of bound DDT-Enzyme Conjugate, the clear Substrate is converted to a blue color. One enzyme molecule can convert many Substrate molecules.

Since there are the same number of antibody binding sites on every test tube and each test tube receives the same number of DDT-Enzyme Conjugate molecules, a sample that contains a low concentration of DDT allows the antibody to bind many DDT-Enzyme Conjugate molecules.

Therefore, a low concentration of DDT produces a dark blue solution. Conversely, a high concentration of DDT allows fewer DDT-Enzyme Conjugate molecules to be bound by the antibodies, resulting in a lighter blue solution.

NOTE: Color is inversely proportional to DDT concentration.

Darker color = Lower concentration Lighter color = Higher concentration

Performance Characteristics

The EnviroGard DDT in Soil Test Kit will not differentiate between DDT, its metabolites, and other structurally similar compounds, but will detect their presence to differing degrees. The following table shows a number of compounds and the approximate concentration of each required to yield a positive result (Lower Limit of Detection or LLD), and the concentration required to inhibit one-half of the color developed by the Negative Control (IC50). Concentration is in parts per million (ppm) in soil.

Compound	LLD	IC50
p,p'-DDT (kit	0.04	1.25
calibrator)		
p,p'-DDD	0.01	0.3
p,p'-DDE	0.18	3.6
o,p'-DDT	4	93
o,p'-DDD	0.4	11
o,p'-DDE	3	93
DDA	0.002	0.04
Chloropropylate	0.007	0.08
Chlorobenzilate	0.03	0.35
Dicofol	0.14	2
Tetradifon	1.2	14
Thiobencarb	5	52
Tebuconazole	7	95
Neburon	17	284
Chloroxuron	24	216
Monolinuron	25	714
Diclofop	70	>1000

The following compounds have lower limits of detection > 100 ppm:

2,4-D

4-chlorophenoxyacetic acid

Chlorbromuron Chlortoluron Diflubenzuron

Chlordane Dicamba Diuron

Lindane MCPA acid Linuron MCPB

Mecoprop

Precautions

- Treat DDT, solutions that contain DDT and potentially contaminated soil samples as hazardous materials.
- Where appropriate, use gloves, proper protective clothing, and methods to contain and handle hazardous material.
- Store all test kit components at 4°C to 8°C (39°F to 46°F) when not in use.
- Do not freeze test kit components or expose them to temperatures greater than 37°C (99°F).
- Allow all reagents to reach ambient temperature (18°C to 27°C or 64°F to 81°F) before beginning the test.
- Do not use test kit components after the expiration date.
- Do not use reagents or test tubes from one test kit with reagents or test tubes from a different test kit.
- Use approved methodologies to confirm any positive results.
- Do not dilute or adulterate test reagents or use samples not called for in the test procedure; this may give inaccurate results.
- Tightly recap the DDT calibrator vials to prevent evaporative loss.
- Distribution of DDT in soils may be highly variable. The use of a composite sampling technique may be appropriate. Development of a sampling plan that assures adequate sample number and distribution is the responsibility of the analyst.
- DDT is light sensitive. Store soil extracts at 2°C to 7°C, shielded from direct light.

Materials Provided

EnviroGard DDT in Soil Test Kit

This test kit contains the following items:

20 Antibody-Coated Test Tubes1 vial of Assay Diluent

- vial of Negative Control (methanol)
- 1 vial of 0.2 ppm DDT Calibrator in methanol
- 1 vial of 1.0 ppm DDT Calibrator in methanol
- vial of 10.0 ppm DDT Calibrator in methanol
- vial of DDT-Enzyme Conjugate
- 1 vial of Substrate
- 1 vial of Stop Solution
- 1 20-place Test Tube Rack
- 22 Pipette Tips, yellow (for the Gilson M-25 Microman® Positive Displacement Pipettor)

Materials Required and Ordered Separately

See "Ordering Information" for the appropriate catalogue numbers.

EnviroGard Soil Extraction Bottle Kit

Use this kit for the extraction of DDT in soil samples. This kit contains enough devices to process 14 samples:

- 14 30 milliliter (mL) LDPE Bottles with screw caps (each bottle contains stainless steel mixing beads)
- 14 filtration caps
- 14 Millex® HV13 filters
- 18 Wooden Spatulas
- 1 Syringe with coupler
- 1 Syringe coupler
- 14 Screw Top Glass Vials, 4.0 mL
- 14 Stoppers
- 18 Weigh Boats

Methanol

ACS reagent grade Methanol is required for soil extraction, but is not included in the EnviroGard Soil Extraction Kit. You must order it separately. (See "Ordering Information.")

Materials Required but Not Provided

You will also need several other items, some of which are included in the EnviroGard Soil Field Lab. (See "Ordering Information" for the appropriate catalogue number).

- Gilson M-25 Microman Positive Displacement Pipettor
- EppendorfTM Repeater[®] Pipettor and five Combitips[®] (3 x 12.5 mL, 1 x 5.0 mL, and 1 x 50 mL)
- Balance capable of accurately weighing 5 grams
- Millipore Differential Photometer or Enviro-Ouant Photometer
- Indelible marker for labeling test tubes
- Watch or timer
- Clean running water or a wash bottle containing tap or deionized water (500 mL)
- Calculator (optional)

Suggestions for Pipettor Use

- Practice using both pipettors (positive displacement and Repeater pipettor) with water and extra tips before you analyze your samples.
- Use a new tip each time you use the Repeater pipettor to avoid reagent cross-contamination.
 Label three 12.5 mL tips "Diluent", "Substrate" and "Stop," and one 5.0 mL tip "Conjugate".
- Draw the desired reagent volume into the Repeater pipettor and dispense one portion of the reagent back into the container to properly engage the ratchet mechanism. If you do not do this, the first volume delivered may be inaccurate.
- To add reagents using the Repeater pipettor, pipette down the side of the test tube just below the rim.
- To add samples and calibrators using the positive displacement pipettor, pipette down the side of the test tube just above the liquid level.
- The carryover volume of the positive displacement tips is minimal, but may affect results if you are going from a high to low DDT concentration. Use a new pipettor tip each time you pipette a new unknown.

Assay Procedure

Collect/Store the Sample

- 1. Collect soil in appropriately-sized and labeled containers.
- Take care to remove excess twigs, organic matter and rocks or pebbles from the sample.
 For best results, wet soils should be air-dried overnight and thoroughly mixed before testing.

3. Store soil samples at 4°C (39°F).

Prepare the Sample/Extract the Soil

- 1. Please follow the instructions from the EnviroGard Soil Extraction Bottle Kit to prepare the soil extract before the assay.
- 2. 5 ml of Methanol will be used to extract DDT residue from a 5 gram soil sample. As per instructions, attach a 50 mL Combitip to the Repeater pipettor and set the dial to 5. Deliver once to add 5 mL of methanol to the extraction vial, and cap tightly.

Perform the Test

NOTE: Allow all reagents and sample extracts to reach room temperature before you begin the test. Do not analyze more than 20 test tubes at a time.

 The choice of calibrators to use in the test will depend on the the selection of the analyst. The use of two calibrators may be appropriate if screening for a single level of DDT.

Remove the test tubes from the plastic bag and label them as follows:

Tube Label	Tube Contents
NC	Negative Control
C1	0.2 ppm Calibrator
C2	1.0 ppm Calibrator
C3	10.0 ppm Calibrator
S1	sample 1
S2	sample 2
etc.	-

* You are not required to perform the assay in duplicate; however, doing so will increase the precision.

Place the test tubes in the test tube rack. Push down on each tube so that it is held firmly and does not fall out of the rack when shaken.

CAUTION: Do not "snap" the test tubes into the rack as this may result in a cracked tube.

- 2. Attach the 12.5 mL Combitip labeled "Diluent" to the Repeater pipettor and adjust the dial to 2. Add 500 microliters (μL) of Assay Diluent to each test tube.
- 3. Attach a clean pipette tip to the Microman pipettor and adjust the dial to "250". Add 25 µL of each calibrator (including Negative Control) to the corresponding test tube by placing the end

of the pipette tip against the side of the tube (just above the level of the Assay Diluent) and dispensing the volume. Use a clean pipette tip each time.

CAUTION: Replace the caps on the calibrator vials immediately after use to minimize evaporation.

- 4. Using a clean tip for each sample, add 25 μ L of each sample extract to the appropriately-labeled test tube.
- Attach the 5.0 mL Combitip labeled "Conjugate" to the Repeater pipettor and adjust the dial to 1. Add 100 μL of DDT-Enzyme Conjugate to each test tube.
- Shake the test tube rack to mix for 10 to 15 seconds. Leave the test tubes undisturbed for 15 minutes.
- Vigorously shake out the test tube contents into a sink or suitable container. Fill the test tubes to overflowing with cool tap or distilled water, then decant and vigorously shake out the remaining water.

Repeat this wash step three more times, being certain to shake out as much water as possible on each wash. After the final wash, remove as much water as possible by tapping the inverted tubes on absorbant paper.

Attach the 12.5 mL Combitip labeled "Substrate" to the Repeater pipettor and set the dial to 2.
 Add 500 μL of Substrate to each test tube. Leave the test tubes undisturbed for 10 minutes.

NOTE: If a blue color does not develop in the Negative Control test tube within 10 minutes after adding the Substrate, the test is invalid and you must repeat it.

Interpret the Results

You can either interpret the results visually within 10 minutes after adding the Substrate to each test tube, or you can perform a more precise analysis with a photometer after you add the Stop Solution.

Visual Interpretation

After you add the Substrate, wait 10 minutes then mix the test tubes by shaking them for a few seconds until they are a uniform blue color. Compare the sample test tube to the calibrator test tubes against a white background. The test tube rack in the kit is well-suited for this purpose.

NOTE: The word DDT in the interpretation instructions below refers to "total DDT", i.e. the sum of p,p'-DDT, p,p'-DDD, and p,p'-DDE.

- If a sample test tube contains more color than the calibrator test tube, the sample contains DDT at a concentration lower than the calibrator.
- If a sample test tube contains *less* color than the calibrator test tube, the sample may contain DDT at a concentration *greater* than the calibrator.
- If the sample test tube contains color that is between the calibrator test tubes, the sample contains DDT at a concentration between the calibrator concentrations.
- If a sample test tube contains approximately the same amount of color as the calibrator test tube, the sample contains DDT at a concentration approximately equal to the calibrator.
- If the sample test tube contains less color than the 10 ppm Calibrator test tube, you may dilute a fraction of the soil extract in methanol (for example, 1:100) and perform the assay again. To determine the concentration of the diluted extract multiply the result by the dilution factor. (Go to "Semi-Quantitative Interpretation" for further details.)

Photometric Interpretation

After you add the Substrate, wait 10 minutes then add the Stop Solution to each test tube.

WARNING: Stop solution is 1N Hydrochloric acid. Handle carefully.

Attach the 12.5 mL Combitip labeled "Stop" to the Repeater pipettor and set the dial to 2. Add 500 μ L of Stop Solution to each test tube. This converts the blue color in the test tubes to yellow.

NOTE: After you add Stop Solution to the test tubes, results should be read within 30 minutes.

Millipore Differential Photometer

- 1. Place a water blank test tube containing 1.5 mL of Milli-RO® or Milli-Q® water, or equivalent in the left (reference) well.
- 2. Place the Negative Control test tube into the right (sample) well. Record the optical density (OD) of the Negative Control.
- 3. Remove the Negative Control test tube and replace it with the 0.2 ppm Calibrator test tube

to reactivate the photometer. Record the result. Repeat this step to determine the OD for each of the remaining calibrators and for each sample.

Semi-quantitative Interpretation

Compare the OD of each sample to the OD of each calibrator:

NOTE: The word DDT in the interpretation instructions below refers to "total DDT", i.e. the sum of p,p'-DDT, p,p'-DDD, and p,p'-DDE.

- If a sample OD is equal to the OD of a calibrator, the sample contains DDT at a concentration approximately equal to the calibrator.
- If a sample OD is greater than a calibrator OD, the sample contains less DDT than the calibrator.
- If a sample OD is lower than a calibrator OD, the sample may contain more DDT than that calibrator.
- If an assay result indicates that a soil sample contains greater than 10 ppm total DDT, but you need more specific information, the soil extract may be diluted 1:100 in neat methanol, and assayed again. You must then multiply the results of the re-assay by 100 to determine the approximate sample concentration.

NOTE: If you know in advance that the "action level" of interest is greater than 10 ppm total DDT in soil, the assay may be modified to pinpoint that particular concentration. For example:

If you wish to categorize samples as less than or greater than 250 ppm, you should dilute all sample extracts 1:250 in neat methanol (e.g. 20 μ L extract plus 4.98 mL methanol) and compare the diluted extracts to the 1 ppm DDT kit calibrator. Due to the 250-fold dilution, the 1 ppm calibrator represents 250 ppm in the assay.

NOTE: If you are interested in action levels greater than 1000 ppm, please contact Millipore Technical Services for assistance.

Example

Actual OD values will vary. This data is for demonstration purposes only.

Tube	OD	Interpretation
NC	0.90 .	
C1 (0.2 ppm)	0.75	
C2 (1.0 ppm)	0.49	
C3 (10.0 ppm)	0.35	
S1	0.68	>0.2 ppm < 1.0 ppm
S2	0.16	> 10.0 ppm

NOTE: The EnviroQuant Photometer is also available from Millipore. This dual wavelength instrument measures the OD at 450 nanometers (nm) minus 600 nm of all samples and calibrators, and provides a printout of results. See "Ordering Information" for the appropriate catalogue number.

Limitations of the Procedure

The EnviroGard DDT in Soil Test Kit is a qualitative/semi-quantitative screening test only. Actual quantitation of DDT by EnviroGard immunoassay is not possible due to the Test kit's cross-reactivity with DDT breakdown products and other similar compounds and to the variations in extraction efficiency inherent in the fast extraction protocol described in this product insert.

Soil sampling error may significantly affect testing reliability. The distribution of pesticides in different soils can be extremely heterogeneous. Soils should be dried and homogenized before analysis by any method. Split samples (i.e. for GC and immunoassay) should always derive from the same homogenate.

Ordering Information

The following table lists descriptions and catalogue numbers for the EnviroGard DDT in Soil Test Kit, Soil Extraction Bottle Kit and related products.

Description	Catalogue Number
EnviroGard DDT in Soil Test Kit	ENVR 000 31
EnviroGard Soil Extraction Bottle Kit	•ENSP 000 30
Methanol for soil extraction, 100 mL bottle	ELCR 000 07
Millipore Differential Photometer: • 115 volt (V), or • 230 V	ENVR 000 00 ENVR 002 30
EnviroQuant Photometer, 110V, or EnviroQuant Photometer, 220V	ENVR T11 00 ENVR T22 00
EnviroQuant Replacement Paper, 12 rolls	ENVR T11 02
Positive Displacement Precision Pipettor, Adjustable (2-250 µL) Repeater Pipettor EnviroGard Replacement Pipettor Tips (available separately): Positive displacement pipettor tips, 1-25 µL range 200/pk (not	ENVR SPO 06 ENVR SPO 01 ENVR LO4 09
preassembled) Repeater pipettor tips, 5.0 mL, 100/pk Repeater pipettor tips, 12.5 mL, 100/pk Repeater pipettor tips, 50 mL, 10/pk	ENVR L01 09 ENVR L02 09 ENVR L03 09
 EnviroGard Soil Field Lab includes: 1 Portable balance with 100 gram calibrator weight 1 Eppendorf Repeater pipettor 3 5.0 mL Pipette tips for the Repeater pipettor, for 0.1 mL through 0.5 mL dispensing volumes 6 12.5 mL Pipette tips for the Repeater pipettor, for 0.25 mL through 1.250 mL dispensing volumes 1 50 mL Pipette tip for the Repeater pipettor, for 1.0 mL through 5.0 mL dispensing volumes 1 Positive displacement precision pipettor, adjustable (2-250 μL) 1 Electronic timer 6 Polystyrene test tubes, 12 mm X 75 mm (for blanking the spectrophotometer and sample dilutions) 4 Test tube racks, six-position 1 Wash bottle, 500 mL 1 125 mL large mouth bottle 2 Work stations 	ENVR L00 09
1 Soil extraction rack Contact Millipore Technical Service for kit component replacement or reordering information. (See the "Technical Assistance" section for the number of the Millipore office nearest you.)	

Technical Assistance

To Place an Order or Receive Technical Assistance, call the nearest number listed below:

IN THE U.S. AND CANADA

Call toll-free 800-MILLIPORE (800-645-5476) In the U.S. FAX Orders (617) 533-8873 In Canada FAX Orders (613) 225-9366

Millipore Worldwide:

Australia

A•C•N: (001) 239-818 Toll Free (008) 222-111 In Sydney Area (02) 428-7333

Austria, Central Europe, C.L.S., Africa, Middle-East, and Gulf

In Austria: (43) 1-877-8926

Baltic Republics

In Finland: (358) 0 8045110

Belgium and Luxembourg (02) 726-8840

Brazil

(011) 548-7011

Canada

Toll Free 1-800-645-5476 In Toronto Area: 416-678-2161

China, People's Republic of

Beijing: (86) 1-5008063 Guangzhou: (86) 20-686217 Shanghai: (86) 21-3737256

Czech Republic

(42) 2-35-02-27 (42) 2-35-23-75

Denmark

(46) 59-00-23

Finland

Tel. (90) 8045110

France

(1) 30-12-70-00

Germany

(06196) 494-0

Hong Kong

(852) 2803-9111

Hungary

(36) 11-62-06-86

India

Bangalore:

(812) 394657

Italy

Milano: (02) 25078-1

Roma: (06) 5203600

Japan

(03) 3474-9111

Korea

(82-2) 5548305

Malaysia

(60) 3-7571322

Mexico (525) 576-96-88

The Netherlands

(01608) 22000

Norway 472-267-82-53 Poland

(48) 2-569-12-25 (48) 2-663-70-31

Puerto Rico

809-747-8444

Singapore

(65) 253-2733

Spain

Madrid: 91-729-03-00

Barcelona: 93-325-96-16

Sweden

Sundbyberg: 08-628-69-60

Switzerland

(01) 945-3242

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(886-2) 7001742

U K and Ireland

(0923) 816375

United States of America

Toll Free

1-800-MILLIPORE (800-645-5476)

In Puerto Rico:

(809) 747-8444

In All Other Countries:

Millipore Intertech, U.S.A.

(617) 275-9200

General Limited Warranty

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Safety

To receive complete safety information on this product, contact the nearest Millipore office and request Material Safety Data Sheet documents P70002, P34782, P34207 and P34210.

Acknowledgment

This kit was developed in collaboration with the Commonwealth Scientific and Industrial Research Organization (Australia) using reagents produced and supplied under exclusive license to Millipore and ImmunoSystems Incorporated.

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P35409, Rev - 3/16/95

USEPA LEVEL II ANALYTICAL RESULTS

W001976APP

TABLE J-1 LEVEL II SUBSURFACE SOIL ANALYTICAL DATA VOC® AND OIL GREASE

FORT ALLEN JUANA DIAZ, PUERTO RICO

METH	8tte ID/Field Bamp. No.: Depth (feet): Date Bampled: Lab ID:	UNITS	GP-03-01/P030110X 11-14-1886 0526440001	X GP-03-02/P030210X 11-14-1888 0526440002	GP-03-03/P030310X 11-14-1986 0526440003	GP-03-04/P030410X 11-14-1896 0626440004	GP-03-05/P030510X 11-15-1996 0526440005	GP-03-06/P030610X 11-15-1886 052644006	QP-03-07/P030710X 11-16-1896 0526440007	GP-03-08/P030810X 11-16-1996 062644008	GP-03-09/P030910X 11-15-1996 0526440009
8260	1,1,1-Triohloroethane	og/kg	9 QN	NO 6	9 QN	ND 6	NO 6	ND 6	NO S	ND 6	ND 6
8260	1,1,2,2-Tetrachloroethane	ug/kg	_	NO SI	S C C	ND GE	NO 66	S QN	ND 6	20 02	ND 65
9260	1,1,2-Trichloroethane	agyon	<u>9</u>	<u>8</u>	20 OZ	P CY	80 OK	9 02	N 6	9 92	NO 6
B260	1,1-Dichloroethane	_	<u>8</u>	ω Ω	NO 6	ND 6	20	ND 6	9 CN	9 QN	9 02
8260	1,1-Dichloroethene	_	9 Q	20 02	D CZ	NO 66	NO 55	90	9 92	20 02	NO 5
8260	1,2-Dichloroethans	ug/kg	<u>چ</u>	2	ND 65	ND 65	NO 6	NO ON	S ON	9 QX	9 00
8260	1,2-Dichloroethane-d4	×	80	Ξ	68	60	88	84	101	100	102
8260	1,2-Dichloroethene (total)	ug/kg	NO OF	NO 65	NO 66	ND 6	NO 6	NO S	NO 6	NO S	NO 55
9260	1,2-Dichloropropane		9 QN	<u>ه</u>	ND 6	ND 6	S 65	ND 65	ND GE	20 QZ	ND 6
	2-Butanone (MEK)	_	ND 10	2	ND 10	ND 10	NO 10	ND 10	ND 10	01 QN	ND 10
-	2-Hexanone	co.kg	80 5	2	ND 10	ND 10	NO TO	ND 10	10	10	ND 05
-	4-Bromofluorobenzene	_	Ť	-	102	103	103	100	102	101	102
	4-Methyl-2-pentanons (MIBK)	UQ/KG	5 0	Ş	ND 10	ND 10	NO 10	ND 10	ND 10	7.1	ND 10
8280	Acetone	-	<u>م</u>	0, 0,	NO 10	OF 02	ND 10	10 10	ND 10	OP GO	OF 08
-	Benzene	ng/kg	0 Q	<u>ν</u>	20 G	9 QN	9 02	NO 6	S ON	ND 6	80 60
_	Bromodichloromethane	ug/kg	NO GE	2	NO OR	ND G	S ON	20 OZ	NO 02	ND S	ND 55
-	Bromoform	ug/kg	NO 00	2	S ON	ν Ω	NO 66	ND 66	NO GE	NO SE	20 02
=	Bromomethane	ug/kg	ND 10	0, 0,	Ot ON	ND 10	ND 10	Ot ON	ND 10	ND 10	ND 10
-	Cerbon disulfide	ug/kg	ν Q	2	ND 66	ND 6	ND 55	20 G	NO OS	9 00	9 02
-	Carbon tetrachloride	ug/kg	9 0	S S	NO 6	NO 66	9 Q	9 QZ	ND 65	9 02	NO 05
:	Chlorobenzene	UQ/KQ	90	S Q	9	10 20 20	ND 66	19 QZ	NO 65	NO SE	S ON
7	Chloroethane	ug/kg	ND 0	ND 10	01 QN	0 00	ND 10	ND 10	ND 10	ND 10	ot an
-	Chloroform	_	9 02	90	NO OF	D ON	9 Q	S CZ	NO 55	ND 6	ND 08
-	Chloromethane	-	0	ο. 10	ND 10	10	ND 10	0. 0.	01 00	ND 10	5
0	ofe-1,3-Dichloropropene	ug/kg	<u>م</u>	NO 05	ND 05	D O	NO 55	NO 65	ND 6	ND 65	90 Q2
	Dibromoohloromethane	ug/kg	9	ND G	ON ON	ND 05	ND 66	0 Q	ND 6	ND 65	9 02
	Ethylbenzene	ug/kg	NO 02	NO 6	NO ON	NO 08	ND 65	NO ON	S OS	NO 55	9 02
-	Methylene ohloride	ug/kg	9 9	<u>و</u>	NO 66	NO GI	ND 65	29 QZ	NO 6	NO 5	S ON
w.	Styrene	09/kg	NO 02	9 Q	ND 66	NO GE	ND 65	NO 60	ND 6	ND 5	20 02
	Tetrachloroethene	V9/Kp	9	SO OS	ND 65	ND GE	ND GE	ND 6	ND 6	NO 5	9 QX
-	Toluene	ug/kg	20 02	9	6 OZ	ND 6	40 or	9 02	9	NO S	20 02
-	Toluene-d8	_	102	Ĕ	103	103	102	100	102	102	102
-	trans-1,3-Dichloropropens	ug/kg	9 02	2	NO OR	ND 66	NO SE	S ON	20 02	ND 6	NO SE
8260	Trichloroethene	ug/kg	œ.	2 Q	S ON	Z 62	9	ND 6	NO S	NO 02	NO SE
8	Vinyl acetate										
Ì	Vinyl ohloride	-+	<u> </u>	-	ND 10	0, 0	ND 70	ot QN	ND 10	ND 10	ND 10
7	Xyienes (total)	٠,	ND 65	Ş	NO 05	NO ON	ND 66	NO ON	ND GE	ND 6	20 20
E413	2000	2000	2	000							

ND - Non-Detect, followed by quantitation limit ug/kg - micrograms per kilogram, or parte per billion

Page 2 of 4

TABLE J-1 LEVEL II SUBSURFACE SOIL ANALYTICAL DATA VOC® AND OR. GREASE

FORT ALLEN JUANA DIAZ, PUERTO RICO

F.	to ID/Field Bangs, No.: Depth Freety: Deta Bamplad: Lab ID:	9F-03-10/F031010X 11-16-1988 0626440010	GP-06-01/P080110X 11-16-1886 0626740006	QP-08-02/F080210X 11-16-1886 0628740007	GP-08-01/P080110X 11-13-1886 0626210006	QP-08-02/P080210X 11-13-1866 0626210008	\$ = 8	F-08-03/P090310X 11-14-1996 0626210007	0F-0B-04/F080410X 11-14-1860 0E26210000	07-08-05/P080510X 11-14-1886	GP-08-08/P080810X 11-14-1888 0828210010
1,1	, 1-Triettoroethene	2 04	2	9 04	• ♀	L	L	Γ	1		1
2	1,2,2-Tetrachiorechane	2	2	9	- QX	- 02	9		9 09	QX QX	9
-	2-Trichionachane	2	9	• 2	9	9 02	2		9	•	E CN
Ė	-Clehloroethene	• 9	9 QX	- 2	9 02		Ç		9		9
-	-Dishlerceshane	- Q	• 02	- Q4	9 02	9	9		9	2	
4	-Oightonsothans	₽	200	9	20 E	# Q7	9				
1,2	-Clehtoreothene-64		2	1		7	•				•
-	-Cichierecthene (total)	9	2	- CX	GZ CZ		9				
-	Olehorsprogene	9 02	9 GN	- CZ	9		9				2
4	vtenone (MEK)	NO 10		0. 0.	CZ CZ		9		2 4		2
Ž	**************************************	10	O, CN	C. C.	•						
1	remefluerebenzene	104							2	2	
1	Potrof-2-pertanena BARK)	10	9						3	62	102
1			9			2			20	01 ON	2
	***************************************			2	2	2	02		9	9	2
			2	9	•	9	e 2		-	2	<u>.</u>
		2	•	9	2	•	ç		9	2	<u>.</u>
l	TO COMPANY	2	2	2	2	•	9		• 9	202	
ł	memethene	<u>.</u>	9	<u>0</u>	01 04	5 5	ON ON		2	01 04	2
3	ben deuffide	2	2	• 9	9	- 02	9		9 02	9 9	. Q
3	bon tetrachiende	- 92	2	9	• •	• 0	2 Q		9	9	9
ð	propensene	9	9	•	• 02	- 02	9		9	9 04	9
Š	and the same	0	5 5	50	0, 0,	NO 10	07		10	01 CM	0 C
ð	wotern	9	₽	•	9	2	ç		9	e on	9
8	remethere.	<u>د</u> و	50 ON	01	07 02	10	0		±0 10	10	9
ŧ	1,3-Dishlengespens	9	9	9	- 02	9	9		9		- C
å	emechicremethere	2	9	-	•	2	9		9		9
į	fentere	9	• Q	•	• •	2	9		2		2
ł	hytene chiedde	9	₹	•	•	2	9		•	•	9
į		Ş	•	9	- 02	- 02	9		• •	-	9
Š	achterections	9	- ON	•	2	9	Q		9		9
į	***	9	₽	9	9	2	9		9		9
į	er-40	102	102	-01	8	102	102		100		
į	e-1,8-Clehieropropene	• Q2	• 9	9	2	•	9		- CX		
1	Mencehone	9	- Q	2	202	9 QN	9		ç		
ţ	d assistic										2
ş	d ebiedde	5 OF	<u>2</u>	02 02	NO TO	9	01 ON		9	92	9 97
ž	nee fretaß	9	₹	- Q	•	2	ş		9	a CR	9
8	The same of the sa	5	***		-					***************************************	

TABLE J-1 LEVEL II SUBSURFACE SOIL ANALYTICAL DATA VOC® AND OIL GREASE

FORT ALLEN JUANA DIAZ, PUERTO RICO

METH	8te ID/Field Bamp. No.: Depth (feet): Date Bampled: Lab ID:		GP-09-07/PO80710X 11-14-1996 0526210011	9.90	GP-09-08/PO90810X 11-14-1986 0526210012	GP-MB-01/PMB0110X 11-15-1986 0526740001	M80110X 1986	GP-M8-02/PM80210X 11-15-1996 0526740002	46-M8	GP-M8-03/PM80310X 11-15-1886 0526740003	GP-M9-04 11-1	GP-M9-04/PM90410X 11-15-1986 0526740004	GP-M9-06/PM90610X 11-16-1896 0526740006	0628740008		GP-WW-02/PWW0210) 11-16-1886 0528740009
8260 1,	1,1,1-Trichloroethane	S	و	9 9	T	ND 600	Ī	Į.	90		S ON		ND 6	S ON	2	9
8260 1	1, 1, 2, 2-Terrachioroethans	Ş	so.	2		ND 500	-	NO 5	8 0		2		9 9	φ Q2	2	40
Ξ	1, 1, 2-Triohloroethane	2	w.	오		4D 500	4	9	2		19 Q		9 0	9	2	ø
B260 1	1,1-Dichloroethane	₽	LO.	Ş		4D 500	-	9 0	9		9		9 0	NO 05	2	
8260 1,	1,1-Dichlorcerhene	2	ıo.	Š		500 500	_	9	9		NO.		9 0	S OZ	2	vo
8260 1,	1,2-Dichloroethane	ş	100	2		D 500		9 0	2		S ON	_	9 0	20.02	2	9
8260 1,	1,2-Diohloroethans-d4	86		8		-5		67	87		8		200	101	G	-
	1,2-Diohioroethene (total)	Ş	₁	N O		1D 500	-	9	2		S ON	_	9 0	20 OZ	2	ю
-	,2-Dichloropropane	Ş	10	S S	-	D 500	_	9	ω Ω		9 0 2		9	NO OF	2	6
	2-Butanone (MEK)	물	10	2	0	1000	_	01 0	2	0	ON CO	_	5 5	02 02	2	10
	2-Hexanone	Z	2	ş	0	1000	_	01 0	2	6	20		01 0	Q2 Q2	2	2
-	4-Bromofluorobenzene		62			105		8	104		ş		88	8	=	
3260 4	4-Methyl-2-pentanone (MIBK)	2	0	2	<u>-</u>	1000	_	10	Ž Q	0	ND 10	2	5	ND 10	2	9
3260 A	Acetone	Ş	9	2	2	1000		οt 0	2	6	ND 10	2	10	0 <u>N</u>	2	9
8260 8	Bonzene	2	w	2	_	1D 600	٤	9	2		80 OZ	2	9 0	20	2	ш
8260 Br	Bromodiohioromethans	물	NO.	2	-	009 Q1	٤	5 6	ω Ω		S ON	2	9 0	SO OF	2	9
	Bromoform	- ;	9	2		D 500	۷	9	8		NO SE	2	5 6	\$ OX	2	ED.
	Bromomethane	2	ç	Q	e	1000	_	01 0	Z Q		ND 10	2	ō 10	10	2	Ç
	Carbon diaulfide	ş	40	S Q	_	آ0 500	ح	5	2		P P	_	9 0	9 02	2	ъ
	Carbon tetrachioride	Ş	100	9 2		009	_	0	9 Q		9	2	5	S CN	2	ıο
	Chlorobenzene	-	9	2		009 D	_	9	S O		19	2	ق ج	NO SI	2	w
	Chloroethane	2	=	2	6	1000	_	01 0	N N		ND 10	2	0t	ND to	2	2
	Chloroform	9	9	9 Q	~	009	4	D 6	20 20 20		S ON	Z	9	NO 66	2	20
Ĭ	Chloromethane	Ş	2	S Q	-	0001 01	_	01 0	Š		ND 10	Z	2	N	2	10
	ole-1,3-Dichloropropene	Ş	ıo.	۵ ک	~	D 500	2	9 0	2 2		NO 6	Z	9 0	20	2	10
	Dibromochloromethane	Ş	100	<u>9</u>	~	1D 500	2	5 0	9 Q		NO S	Z	9	9	2	ъ
_	Ethylbenzene	2	w	2		1700	Z	9 0	9 Q		S C S	Z	9 0	9 Q	2	
-	Methylene ohloride	ᢓ	9	9 Q	~	500	Z	5	9		S CN	2	9	9 QX	2	ıø.
_	Styrene	2	ıo:	2	~	0 200 0	2	9 0	9		9	Z	5 6	9 Q	2	ئ
-	etrachloroethens	ç	10	Š	Z	D 500	Ž	9 0	9		ND 6	Z	9 0	9 9	2	•
	Toluane	2	9	9 Q	٤	500	2	5 0	9 Q		20 02	Z	9	9 02	2	
8260 To	okuene-d8	-		102		104		102	103		103		8	102	=	2
	trane-1,3-Dichloropropene	Ş	ω.	S Q	2	009	€	0 6	9		NO 65	Z	9 2	ND 6	2	ш
8260 Tr		₽		2	_	200	Z	5	S Q Q		20 00	2	9 0	N 6	2	1
260	Vinyl acetate				Z	1000								****		
	Vinyi ahlonde	2	•	Š		1000	Z	O	S S		OJ QN	Z	ο το -	Q Q	2	9
	Xylense (total)	Ş		S O		1100	Z	9	NO 6		9 QN	Z	9 0	20 02	2	9
E413.1 OF	Office of Contract of the Cont	5	3	5		9		90,	60							

ND = Non-Detect, followed by quauging = micrograms per kilogram,

TABLE J-1 LEVEL # SUBSURFACE SOIL ANALYTICAL DATA VOC¢ AND OIL GREASE

FORT ALLEN JUANA DIAZ, PUERTO RICO

	Sie D/Fladd Samp. No.: Depth Seath: Date Samulad:	OP-WW-02/FWW0304X	OF-WW-OA/PWWO410X	GP-WW-06/PWW0610X	GP-WW-06/PWW0610X
METH	Lab ID:	0626740010	0626740011	0628740012	0628740013
1280	1,1,1-Trichloresthane		# QN		
9	1.1.2.2-Tetrachiosecthere	G	E 02	- CR	- CZ
8	1.1.2-Tilehipepethane	M CM	0.2	GT CT	# C
9	1 Challement and	9		-	
8	7.2-Dehotoopane	•	9		9
8	1,2-Clablonechane-44		8-	101	2
8	1,2-Dichloresthene (total)	•	9	9	
8	1, 2-Dishloreprepane	# Q#	- OX		•
8	2-Butanone (MEK)	01 02	NO 10	10 TO	2 2
2	2-Hexanone	01 04	\$0 TO	0, 0,	9
8	4-Bromofluerebensene	8	2	101	101
8	4-Mathyl-2-sentenene (MIBK)	10	10	10	0. CN
8	Aetere	9	10 TO	10	NO TO
8	Benzene	9	80 S	9	9 92
3	Branodehieremethene	9 02	2	2	2
8	Bremetern	20	2	9	9
8	Branamethere	NO 10	- P	70 C	5 5
8	Carbon deutifide	• 02	• 9	- QX	• 92
8	Carbon tetneshiodde	• 02	• 9	• 02	2
8	Chierebensene	2 02	• 9	• 9	• 92
8	Chisraethene	NO 10	0, 0,	70 TO	- CA
8	Chloreform	-	2	- 9	2
8	Chlevemethere	ND 10	10	10	0. 0.
280	ete-1, 3-Dichlorepropene	9	2	-	•
8	Dihomeshieremethane	9	9	2	• 92
8	Ethylbenzone	•	•	9	•
8	Methytane shieside	9 08	•	3 Of	• 6
280	Styrene	• 02	**************************************	9 02	9
8	Tetrachierechene	S ON	•	9 ON	• 2
8	Talvena	S ON	9	\$ QN	•
8	Tolumo-48		101	25	8
8	trane-1, 8-Dichleroprepane	•	-		• 9
8	Tricklenosthene	•	- 9	9	9
8	Vinyt seetats				
8	Vinyl eblodde	01 04	0. 0.	9	0
8	Xydenes (total)	3 0	9	\$ QN	9

1/28/97

USAEC/IRDMIS ANALYTICAL RESULTS

W001976APP

IRDMIS DATA-FINAL DOCUMENTATION REPORTS

ABB Environmental Services, Inc.

W001976APP

Final Documentation Appendix Report Installation :Fort Allen, Puerto Rico (FN) File Type: CSO Sampling Date Range: 01-JAN-75

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آ ۾	Diesel range organics Lead Gasoline range organics Selenium Thallium Mercury Arsenic Beryllium Cadmium Aluminum Iron Magnesium Silver Sodium Barium Cobalt Copper Vanadium A.Nitrophenol Potassium Silver Sodium Barium Cobalt Copper Vanadium Barium Cobalt Copper Vanadium Silver Sodium Barium Cobalt Copper Vanadium Silver Sodium Barium Cobalt Copper Vanadium Cobalt Copper Vanadium Silver Sodium Barium Cobalt Copper Vanadium Silver Sodium Barium Cobalt Copper Vanadium Cobalt Copper Vanadium Silver Sodium Barium Cobalt Copper Vanadium Cobalt Copper Sodium Barium Cobalt Copper Vanadium Cobalt Copper Vanadium Cobalt Copper Silver Sodium Barium Cobalt Copper Vanadium Copper Copper Vanadium Copper Vanadium Copper Copper Copper Vanadium Copper Cop	
CAS No.	7439-92-1 7782-49-2 7440-28-0 7440-38-0 7440-38-0 7440-43-9 7440-43-9 7440-43-9 7440-43-9 7440-43-9 7440-43-9 7440-43-9 7440-62-2 7440-43-9 7440-62-2 7440-62-2 7440-62-2 7440-62-2 7440-62-2 7440-62-2 7440-62-2 7440-62-2 7440-62-2 7440-62-2 7440-62-2 7440-62-1 7440-62-2 7440-62-2 7440-62-2 7440-62-2 7440-62-2 7440-62-1 740-62-2 7440-62-2 7440-62-1 740-62-2 7440-63-3 7440-10-6 110-6-7 110-44-4 111-91-1 117-81-7 117-81-7 117-81-7 117-81-7 117-81-7 117-81-7 117-81-7 117-81-7 117-81-7 117-81-7	
Meth/ Matrix	DRO /S GRP 1/S GRE 1/S GTL 1/S GTL 1/S ICM 1/S ICM 1/S	
Lab Lab Anly. No.	RL 52678-11	
Sample	19-NOV-96	
Depth		
Field Sample No.	\$090101X	
Site	SS-09-01	
Site		

* - Analyte Description has been truncated. See Data Dictionary

EPA Data Quals

Data Quals

Sample Date 19-NOV-96

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Final Documentation Appendix Report Installation :Fort Allen, Puerto Rico (FN) File Type: CSO ate Range: 01-JAN-75	Analyte Description Dimethyl phthalate Dibenzofuran 2,4-Bislisopropylamino)-6-methoxy-	1,3,2-Criazine / Primato Benzolghijperylene Indeno[1,2,3-C,0]pyrene Benzofluoranthene / 3,4- Benzofluoranthene Fluoranthene Benzolkijfluoranthene Acenaphthylene Chrysene Benzolalpyrene 2,4-Dinitrophenol Dibenzolalparthracene / 1,2:5,6-	4,6-Dinitro-2-cresol / 2-Methyl-4,6-dinitrophenol / 3-Dichlorobenzene Benzolalanthracene Benzolalanthracene 3-Methyl-4-chlorophenol / 4-Chloro-3-cresol / 4-Chloro-3-m² Octadecane 2,6-Dinitrotoluene N-Nitrosodi-n-propylamine Hexachlorocyclopentadiene Isophorone	Acenaphthene Diethyl phthalate Di-n-butyl phthalate Phenanthrene Butylbenzyl phthalate Butylbenzyl phthalate N-Nitrosodiphenylamine Fluorene / 9H-Fluorene Carbazole / 9H-Fluorene Z-Nitromhol Carbazole / Tar camphor Z-Mitrophenel Carbazole / Tar camphor Carbazole / Tar camphor
Final Documentation installation :Fort Al Installation :File Ty Sampling Date Range: 01-JAN-75	Meth/ b. Matrix CAS No. 11 SWV2/S 131-11-3 132-64-9 1610-18-0	191-24-2 193-39-5 205-99-2 206-44-0 207-08-9 208-96-8 218-01-9 50-32-8 51-28-5 53-70-3	534-52-1 541-73-1 56-55-3 59-50-7 593-45-3 606-20-2 621-64-7 67-72-1 77-47-4	83-32-9 84-74-2 85-01-8 86-73-6 87-68-7 87-68-3 87-86-5 91-20-3
	Lab Anly. No.			

* - Analyte Description has been truncated. See Data Dictionary

Final Documentation Appendix Report Installation :Fort Allen, Puerto Rico (FN) File Type: CSO Sampling Date Range: 01-JAN-75 28-JAN-97

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74- Natige: 01- unn-13		Analyte Description		2-Chloronaphthalene	3,3'-Dichlorobenzidine	o-Cresol / 2-Cresol / 2-Methylphenol	1.2-Dichlorobenzene	2-Chlorophenol	2 4 5-Trichlorophenol	Nitrobenzene / Essence of mirbane /	3-Nitroaniline	4-Bromophenyl phenyl ether	4-Chlorophenyl phenyl ether	Unknown compound 539	Unknown compound 551	Unknown compaind 501	compound		Unknown compound 606	Unknown compound 613	Compound	punodiios	punoduo	punodinos	punodina	compound			Unknown compound 658	Unknown compound 659	Unknown compound 663	Diesel range organics	Lead	Gasoline range organics	Selenium	Thallium	Mercury	Antimony	Arsenic	Beryllium	Cadmium	Aluminum	Iron	Magnesium	Manganese	Nickel	Potassium	
Date valide		CAS No.		91-58-7	91-94-1	95-48-7	95-50-1	95-57-8	7-50-50	98-95-3	2-00-66																						7439-92-1		7782-49-2	7440-28-0	2439-97-6	7440-36-0	7440-38-2	7-14-0447	7440-43-9	7429-90-5	7439-89-6	7439-95-4	2-96-657	7440-02-0	7-60-04-7	
Sunding	Meth/	Matrix	-	SMV2/S																												DRO /S	GPB1/S	GRO /S	GSE1/S	GTL1/S	HGC1/S	ICM1/S				1CP1/S						
	Lab	Lab Anly. No.		RL 52678-11																												52678-12																
	•	Date		96			-																									1.0 19-NOV-96 RL																
		Depth	. !	1.0																											,	0.																
	Field	Sample No.		S090101X																												s090201x																
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* - Analyte Description has been truncated. See Data Dictionary

Final Documentation Appendix Report Installation :Fort Allen, Puerto Rico (FN) File Type: CSO 28-JAN-07

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Sampling Date Range: 01-JAN-75 28-JAN-97	Analyte Description	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	oction of the second of the se			+ inde		copper	Vanadium	Zinc	Colcium	4-Nitroaniline	4-Nitrophenol	2,4-Dimethylphenol	p-Cresol / 4-Cresol / 4-Methylphenol		4-Chloroaniline	Bis(2-chloroisopropyl) ether	Phenol / Carbolic acid / Phenic acid	/ Phenylic acid / Phe*	Bis(2-chloroethyl) ether	Bis(2-chloroethoxy) methane	Bis(2-ethylhexyl) phthalate	Di-n-octvi obthalate	Hexach Orobenzene			1, Z, 4-Irichioropenzene	2,4-Dichlorophenol	2,4-Dinitrotoluene	Benzo [def]phenenthrene / Pyrene	Dimethyl phthalate	Dibenzofuran	Benzo [ghi] perylene	Indeno[1,2,3-C,D]pyrene	Benzo[b] fluoranthene / 3,4-	Benzofluoranthene	Fluoranthene	Benzo [k] fluoranthene	Acenaphthylene	Chrysene	Benzofalovrene	2 4-Dinitrophenol	S. 4 - Unitroduction	Dibenzianjantnracene / 1,2:5,0-	4 6-Dinitro-2-cresol / 2-Methyl-4 6-	dinitrophenol
Date Range:	CAS No.	7,70, 22,7	4-22-047/	2-01-077	1-27-0772	7-87-0772	7770 50 0	0-00-044/	7-20-044/	2440-66-6	7440-70-2	100-01-6	100-02-7	105-67-9	106-44-5	106-46-7	106-47-8	108-60-1	108-95-2		111-44-4	111-91-1	117-81-7	117-84-0	118-74-1	120-12-7	1-21-021	1-28-021	120-63-2	121-14-2	129-00-0	131-11-3	132-64-9	191-24-2	193-39-5	202-99-2		206-44-0	207-08-9	208-96-8	218-01-9	50-32-8	51.28.E	C-02-10	23-70-50	574-52-1	
Sampling	Meth/ Natrix	97 1001	27.73									SHV2/S																																			
	Lab Anly. No.	Bi E2470-43																																													
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^{* -} Analyte Description has been truncated. See Data Dictionary

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Site Site
Type ID
THUG SS-09-02

Final Documentation Appendix Report Installation :Fort Allen, Puerto Rico (FN) File Type: CSO Sampling Date Range: 01-JAN-75 28-JAN-97

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Analyte Description	. 40	:	3-Methyl-4-chlorophenol / 4-Chloro-3-			ppytamine		yclopentadiene		Acenaphthene		ıte		Butylbenzyl phthalate	N-Nitrosodiphenylamine	Fluorene / 9H-Fluorene	e	Hexachlorobutadiene / Hexachloro-1,3-	Pentachlorophenol	enot			Tar camphor			ine	2-Methylphenol			ophenol	e of mirbane /	Oil of mirbane		4-Bromophenyl phenyl ether	_	Unknown compound 539	Unknown compound 551		Unknown compound 614	Unknown compound 615	Unknown compound 623	727 Language and 11	Unknown compound 637
CAS No.	541-73-1	56-55-3	29-20-7	6-06-505	421-44-7	1-40-170	1-21-10	7-24-12	78-59-1	83-32-9	84-66-2	84-74-2	85-01-8	85-68-7	86-30-6	86-73-7	8 74-8	87-68-3	87-86-5	88-06-2	88-74-4	88-75-5	91-20-3	91-57-6	91-58-7	91-94-1	95-48-7	95-50-1	95-57-8	95-95-4	98-95-3		99-09-2										
Meth/ Matrix	SMV2/S																																										
Lab Anly. No.	RL 52678-12																																										
Sample Date	19-NOV-96											44																															
Depth	1.0																																										
Field Sample No.	S090201X																												-														

* - Analyte Description has been truncated. See Data Dictionary

Final Documentation Appendix Report Installation :Fort Allen, Puerto Rico (FN) File Type: CSO

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	Ŧ		: .	- e	 		11 .5		17 2	17 .2	11			; <u>-</u>	7300	6800	1100	230	17 16			1 3000		3 .				LT 20	140	3.6 E 5	LT .8						1.33	ב		1			17.5			11 .33		
File Type: CSO Sampling Date Range: 01-JAN-75 28-JAN-97		Analyte Description		Diesel rende organics			Gasoline range organics	Selenium	That Lite	Mercury	Antimony	Arsenic	Beryllica	Cartaina	Aliminia	Lon	Magnesis	Kandanese	Mickei	Potassium					Chromium	Cobelt	Copper	Vanadium	Zinc	Calcium	4-Nitroaniline	4-Nitrophenol	2,4-Dimethylphenol	p-Cresol / 4-Cresol / 4-Methylphenol	1,4-Dichlorobenzene	4-Chloroaniline	Bis(2-chloroisopropyl) ether	Phenol / Carbolic acid / Phenic acid	/ Phenylic acid / Phe*	Bis(2-chloroethyl) ether	Bis(2-chloroethoxy) methane	Bis(2-ethylhexyl) phthalate	Di-n-octyl phthalate	Hexachlorobenzene	Anthracene	1,2,4-Trichlorobenzene	2,4-Dichlorophenol	2,4-Dinitrotoluene
Date Range:		CAS No.			7,70.02.1	-74-45-1		7782-49-2	7440-28-0	7439-97-6	7440-36-0	7440-38-2	7440-41-7	0-27-0772	74.20-00-5	7439-89-6	7-50-0572	7439-96-5	7440-02-0	7-60-09-7	7-70-0772	7440-24-5	74.0 20 2	7/10/77	C-14-0441	4-84-044	7440-50-8	7440-62-2	9-99-055	7440-70-2	100-01-6	100-02-7	105-67-9	106-44-5	106-46-7	106-47-8	108-60-1	108-95-2		111-44-4	111-91-1	117-81-7	117-84-0	118-74-1	120-12-7	120-82-1	120-83-2	121-14-2
Sampling	Meth/	Matrix	37 67 473	000 /s	CD81/c	2 0 0 0	S ()	GSE1/S	GTL1/S	HGC1/S	ICM1/S	•			1CP1/S	•															SMV2/S																	
	qen	Lab Anly. No.	•	RI 52678-07																																												
	Sample	Date	10-404-04	19-NOV-96																																												
		Depth	-	0.	•																																											
	Field	Sample No.	SUOUSULT N	SLE0101X																																												
	Site	≘ ;	20-00-85	SS-LE-01																																												
	Site	- AB	PLIG																																													

* - Analyte Description has been truncated. See Data Dictionary

28-JAN-97

Site Site
Type ID

Final Documentation Appendix Report Installation :Fort Allen, Puerto Rico (FN) File Type: CSO

28-JAN-97	
01-JAN-75	
Range:	
Date	
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Sampli	

EPA Data Quals																																														
Data Quals	1 1 1 1																																													
	>	>	>	• >	> :	>	>		>	> >	• >	> :	>	>	>	>		>	>	• >	> ;	>		>	>	>	. 9	S		S		>	>	>	>	>	>	>	>	>	>	>	>	>	>	>
Unit	000	990	100	2011	200	000	ออก		ยยา	991	200	3 5	220	990	990	990		990	2011		200	990		ออก	990	5511		ก		990		990	990	990	990	990	990	990	990	990	990	ngg	990	990	990	990
Conc	.33	33	33	١	•		.33		M	١	. !	2!	5	.33	_				22	2 5	? !	.33		ŭ	.33	11	2 9	<u> </u>		.55		53	.33	53	ŭ	23	.33	33	23	33	.33	.33	œ.	ŭ	ھ .	53
					- 1											9.		-	-			:: ::						•		•:		~: =		17							5				-: -:	
	Benzofdeflohenanthrene / Pyrene LI						Benzo [b] fluoranthene / 3,4-	Benzofluoranthene				y) ene	Chrysene	oyrene	2,4-Dinitrophenol	Dibenz [ah] anthracene / 1,2:5,6-	Dibenzanthracene	4.6-Dinitro-2-cresol / 2-Methyl-4.6- LT		to the		l / 4-Chloro-3-	cresol / 4-Chloro-3-m*	2.6-Dinitrotoluene	/ amine	Hoverh organia		pp000 / 1,1-01chloro-2,2-01s(p-	chlorophenyl)ethane / Rhoth*	2,2-Bis(p-chlorophenyl)-1,1-	dichtoroethene	opentadiene		2	alate	ate		ohthalate	41		9	cachloro-1,3-		ophenot		2-Nitrophenol
CAS No.	129-00-0						205-99-2		0-77-900				•	50-32-8				236-52-1		_		29-50-7		606-20-2				72-54-8		72-55-9		7-27-22	78-59-1			84-74-2		85-68-7	86-30-6	86-73-7	874-8	87-68-3	87-86-5	88-06-2	88-74-4	88-75-5
Meth/ Matrix	S/Z/MS																																													
Lab Lab Anly. No.	F1 52678-07																																													
	10-NOV-04																																													
Depth	-	2																																												
Field Sample No.	SI ED101X	2000					,																																							

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Type 10	Sample No.	Depth	Sample Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	_	_	Data Quals	EPA Data Quals
SS	SLE0101X		19-NOV-96	귍	52678-07	SMV2/S	91-20-3	Naphthalene Tar camphor	11 .33		• • •	
	,						91-58-7	2-Chloronaphthalene		> >		
							91-94-1	3,3'-Dichlorobenzidine				
							95-48-7	o-Cresol / 2-Cresol / 2-Methylphenol	LT .33	V 22U		
							95-50-1	1, 2-Dichlorobenzene		> 990		
							27-27-8	Z-Chlorophenol		> 99n		
							95-95-4	2,4,5-Trichlorophenoi		A 550		
							98-95-3	Nitrobenzene / Essence of mirbane /	LT .33	> 990		
							0000	Oll of mirbane				
							2-60-66	5-Nitroaniline	•	A 550		
								4-Bromophenyl phenyl ether		> 550		
								4-Chlorophenyl phenyl ether	LT .33			
								N-Tetradecanoic Acid Amide	-11			
									9			
									٠.			
									ĸ.			
								Unknown compound 615	'n.	OGG VB		
								Unknown compound 623	7			
									4.	OBC VBD		
								Unknown campound 630	9 E -2	BV 550		•
								Unknown compound 637	_	UGG VB		
	20000							Unknown compound 668	7 E -2	v 220		
22-LE-UZ	SLEUZUIX	0.	1.0 19-NOV-96	귍	52678-08	DRO /S		Diesel range organics	45.3	A 550		
						GPB1/S	7439-92-1	Lead		UGG BV		
						GRO /S		Gasoline range organics	LT .5	NGG V		
						GSE1/S	7782-49-2	Selenium	11	NGG V		
						GTL1/S	7440-28-0	Thattium	17 2	> 990		
	-					HGC1/S	7439-97-6	Mercury	.261	> 550		
						ICM1/S	7440-36-0	Antimony	1.	V 25U		
							7440-38-2	Arsenic	11 5	7 55U		
							7440-41-7	Beryllium	-11	A 550		
							2440-43-9	Cadhiun		7 550		
						ICP1/S	7429-90-5	Aluminum	9360	UGG VB		
							7439-89-6	Iron	16300			
							7439-95-4	Magnesium	10100			
							7439-96-5	Manganese	550			
							7440-02-0	Nickel		V 200		
							7440-09-7	Potassium	LT 1000			
							7440-22-4	Silver		NGG v		
							7440-23-5	Sodium		NGG V		
							7440-39-3	Barica	559	NGG V		
							C-/5-055/	Chromium	12	> 000		
							100					

* - Analyte Description has been truncated. See Data Dictionary

80

Final Documentation Appendix Report Installation :Fort Allen, Puerto Rico (FN) File Type: CSO Sampling Date Range: 01-JAN-75 28-JAN-97

Field Sample Sample Sample No. Depth Date Sample No. SLE0201X 1.0 19-NOV-96

Site Site
Type ID
---PLUG SS-LE-02

EPA Data	Quals	!			-																																									
Data	Quals																																													
Unit Flag	Meas Codes		NGG V	V 000	V 55U	V 06G V	V 250	v 55U	> 290	v 551	v 550	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	> > 990	> 500 N		NGG V	A 550	V 25U	v 55U	v 250	V 55U	NGG V	V 55U	V 55U	V 55U	NGG V	NGG V	NGG V	V DGU	V 55U		A 550	NGG V	v 55U	NGG V	V 55U	v 55U	V 20U		V DOU	:	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		NGG VS) ogg v	
Me			83.2	36.4	269	1.98 E 5	1									-					LT .33		LT .33							LT .33							LT .8			1.1		11 .33		 		
	Analyte Description	2 8 6 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	Copper	Vanadium	Zinc	Calcium	4-Nitroaniline	4-Nitrophenol	2,4-Dimethylphenol	p-Cresol / 4-Cresol / 4-Methylphenol		4-Chloroaniline	propyl) ether	nic acid	/ Phenylic acid / Phe*	Bis(2-chloroethyl) ether	Bis(2-chloroethoxy) methane	Bis(2-ethylhexyl) phthalate		Hexachlorobenzene					rene / Pyrene	alate				ene / 3,4-	thene		nthene	ylene			2,4-Dinitrophenol	ene / 1,2:5,6-	Dibenzanthracene	-cresol / 2-Methyl-4,6-		đi.			S-Metnyl-4-chlorophenol / 4-Chloro-5- cresol / 4-Chloro-3-m*	
	CAS No.		7440-50-8	7440-62-2	2440-66-6	7440-70-2	100-01-6	100-02-7	105-67-9	106-44-5	106-46-7	106-47-8	108-60-1	108-95-2		111-44-4	111-91-1	117-81-7	117-84-0	118-74-1	120-12-7	120-82-1	120-83-2	121-14-2	129-00-0	131-11-3	132-64-9	191-24-2	193-39-5	205-99-2		206-44-0	207-08-9	208-96-8	218-01-9	50-32-8	51-28-5	53-70-3		534-52-1		541-75-1	20-22-3	5/3-98-6	1-06-66	
Meth/	Matrix		ICP1/S				SMV2/S																																							
Lab	Anly. No.	00 01 00	20-8/976																																											
	Cab.	:	귛																																											

^{* -} Analyte Description has been truncated. See Data Dictionary

Site Type

Final Documentation Appendix Report Installation :Fort Allen, Puerto Rico (FN) File Type: CSO Sampling Date Range: 01-JAN-75

	Site	Field	4	Sample	1		Meth/		78-78N-75 28-3AN-97	T			Data	EPA Data
	2	Sample RO.	Deptu	Date	: 6	Lab Anly. No.	Matrix	CAS NO.	Analyte Description	8	Conc	Meas Codes	Quals	Quals
S	SS-LE-02	SLE0201X	1.0	19-NOV-96	R	52678-08	SHV2/S	606-20-2	2,6-Dinitrotoluene			>		
								621-64-7	N-Witrosodi-n-propylamine			^ 99n		
								67-72-1	Hexachloroethane			> 990		
								7-47-4	Hexachlorocyclopentadiene			V 55U		
								78-59-1	Isophorone			V 55U		
								83-32-9	Acenaphthene			> 55		
								84-66-2	Diethyl phthalate		.33	NG6 V		
								84-74-2	Di-n-butyl phthalate			UGG V		
								85-01-8	Phenanthrene			> 550		
								85-68-7	Butylbenzyl phthalate			V 25U		
								9-30-9	N-Witrosodiphenylamine			V 55U		
								86-73-7	Fluorene / 9M-Fluorene			NGG V		
								86-74-8	Carbazole / 9H-Carbazole	5		7 000		
								87-68-3	Hexachlorobutadiene / Hexachloro-1,3-			V 55U		
									butadiene					
								87-86-5	Pentachlorophenol		ο.	7 990		
								88-06-2	2.4.6-Trichlorophenol	5		Neg v		
								9-74-6	2-Nitroaniline			> 99n		
								88-75-5	2-Witrophenol	5	_	NGG V		
								91-20-3	Marchthalene / Tar compon			> >		
								4-57-to	2-Mothy nonthetal and	·		> :		
								01-21-0	2 Hernythammer and C					
								7-26-16	Z-Chioronaphthalene	5	.33			
								1-96-16						
								7-84-56	/ 2-Methylphenol	:	.33			
								95-50-1	nzene					
								95-57-8	2-Chlorophenol	5		NGG V		
								8-8-4	2,4,5-Trichlorophenol			v 550		
								98-95-3	Mitrobenzene / Essence of mirbane /	۲		v 55U		
									Oil of mirbane					
								2-60-66				NGG V		
									ether		.33	v 55U		
									_		.x.	> 99n		
									Unknown compound 539	5		UGG VB		
									Unknown compound 551		E -2	-		
									Unknown compound 594		E -2	_		
									compound	•	.2	UGG VB		
									Unknown compound 614	•				
									compound	•		-		
									Unknown compound 618	•	·-	-		
										~		BA 550		
										•	٠.	UGG VBD		
									compound		8 E -2 U			
									Compound	-		UGG VB		
									Unknown compound 659	•	.2	NGG V		

^{* -} Analyte Description has been truncated. See Data Dictionary

Field Sample No.

Site Site
Type ID
---PLUG SS-LE-02

SM90101X

SS-M9-01

Final Documentation Appendix Report Installation :Fort Allen, Puerto Rico (FN) File Type: CSO Sampling Date Range: 01-JAN-75 28-JAN-97

Lab Anly. No. Matrix CAS No. Analyte Description
7439-92-1
7782-49-2 7440-28-0
HGC1/S 7459-97-6 Mercury ICM1/S 7440-36-0 Antimony
7440-38-2 Arsenic 7440-41-7 Beryllium
7440-43-9
1CF1/S /429-90-5 ALUMINUM 7230-80-6 Iron
_
7439-96-5 Manganese 7440-02-0 Nickel
7440-23-5 Sodium 7440-39-3 Berjim
7440-50-8 Copper
7440-02-2 Vanadium 7440-64-6 Zinc
105-6/-9 C.4-Dimethylphehol 105-6/-9 C.4-Dimethylphehol
1.4-Dichlorobenzene
_
108-95-2 Phenol / Carbolic acid / Phenic acid
_
112-95-8 Eicosane
_
120-82-1 1,2,4-Trichlorobenzene

* - Analyte Description has been truncated. See Data Dictionary

28-JAN-97

Site Type

Final Documentation Appendix Report Installation :Fort Allen, Puerto Rico (FN) File Type: CSO

EPA Data Quals																																																
Data Quals	:																																															
Unit Flag Meas Codes		> 5 990	200	> :	7 990	> 99n	> 55U	SA 590	v 55U	^ 59n		^ 331	200	> 200	> :	7 200	> 550 O	> 990	A 990		7 250		> 2911	3A 2911	-	> > 331	3				> 550 0		SA 550	SA 590	SA 990	SA 990								> 990	> 99n	NGG V	^ 59n	
Me Bo Conc	1 1			- •	- :	-	17 2	٥	LT 2	111		111	- 6	7 -				LT 3	11 2		LT 4		111	. 6	-			c	> 1	^ :		- 1	•	•	•	٥	2	•	111			- ·		- 1		11 1	L7 1	
Analyte Description		2,4-Dinitrateliana	Benzofdefinhenenthrene / Burene	Dimethyl phehalete		Ulbenzoturan	Benzo [ghi] perylene	2,6,10,14-Tetramethylpentadecane	Indeno[1,2,3-C,D]pyrene	Benzo [b] fluoranthene / 3.4-	Benzofluoranthene	Fluoranthene	Renzofklifilioranthane	Acenarh thy I are		Curysere	Benzolaj pyrene	2,4-Dinitrophenol	Dibenz[ah]anthracene / 1,2:5,6-	Dibenzanthracene	4,6-Dinitro-2-cresol / 2-Methyl-4,6-	dinitrophenol	1,3-Dichlorobenzene	Hexadecare	Benzo [a] anthracene	3-Methyl-4-chloropenol / 4-chloro-3-	cresol / 4-Chloro-3-m*	Octodecese			Z,6-Dinitrotoluene	N-Nitrosodi-n-propylamine	Tridecane	Tetradecane	Heptadecane	Nonadecane	Heneicosane	Tricosane / n-Tricosane	Hexachloroethere	Hexachlorocyclopentadiene	Isophorone		Acendon thene	Diethyl phthalate	Di-n-butyl phthalate	Phenanthrene	Butylbenzyl phthalate	
CAS No.		121-14-2	120-00-0	121-11-1	0-77-625	135-04-9	2-52-161	1921-70-6	193-39-5	205-99-2		206-44-0	207-08-9	208-96-8	218-01-0	E0 40 6	275-00	51-28-5	53-70-3		534-52-1		541-73-1	544-76-3	56-55-3	59-50-7		2-57-205	5-74-545	2 00 707	7-07-909	7-40-170	5-05-629	629-59-4	629-78-7	629-92-5	629-94-7	638-67-5	67-72-1	7-17-11	78-59-1	81.12.0	67, 77	24-66-2	84-74-2	85-01-8	85-68-7	
Meth/ Matrix	07 67 880	2/3/16																																														
	DI 65270 47																																															
Sample Date	10-404-04	04 - AOH - AO																																														
Depth		:																																														
Field Sample No.	SWOOTOTY																																															
Site	SS-MO-01																																															
.																																																

^{* -} Analyte Description has been truncated. See Data Dictionary

Final Documentation Appendix Report Installation :Fort Allen, Puerto Rico (FN) File Type: CSO Sampling Date Range: 01-JAN-75 28-JAN-97

EPA Data Quals		
Data Quals		
	08A 99A 99A 99A 99A 99A 99A 99A 99A 99A 9	A 990 A 990 A 990 A 990 A 990
Me Bo Conc	555 5555555555 555	16 22.6 11 .5 11 .2 11 .2 11 .1 11 .5
Analyte Description	Fluorene / 9H-Fluorene Carbazole / 9H-Fluorene Carbazole / 9H-Fluorene Carbazole / 9H-Fluorene Hexachlorobutadiene / Hexachloro-1,3- butadiene Pentachlorophenol 2,4,6-Trichlorophenol Naphthalene / Tar camphor 2-Methylnaphthalene 2-Chloropaphthalene 3,3'-Dichlorobenzidine o-Cresol / 2-Cresol / 2-Methylphenol 1,2-Dichlorophenol 1,2-Dichlorophenol 2,4,5-Trichlorophenol Nitrobenzene / Essence of mirbane / Oil of mirbane 3-Nitroaniline 4-Bromophenyl phenyl ether 4-Chlorophenyl phenyl ether 4-Chlorophenyl phenyl ether Unknown compound 564 Unknown compound 565 Unknown compound 565 Unknown compound 567 Unknown compound 567 Unknown compound 567 Unknown compound 566 Unknown compound 566 Unknown compound 592 Unknown compound 592 Unknown compound 593 Unknown compound 623 Unknown compound 623 Unknown compound 623	Diesel range organics Lead Gasoline range organics Selenium Thallium Mercury Antimony Arsenic
CAS No.	86-73-7 86-74-8 87-68-3 87-68-3 88-74-4 88-75-5 91-27-6 91-58-7 91-58-7 95-95-4 95-95-3	7439-92-1 7782-49-2 7440-28-0 7439-97-6 7440-36-0 7440-38-2 7440-41-7
Meth/ Matrix	SMV2/S	DRO /S GPB1/S GRO /S GSE1/S GTL1/S HGC1/S ICM1/S
Lab Lab Anly. No.	52678-13	52678-10
Sample Date La		19-NOV-96 RL
Depth		0.21
Field Sample No.	XH90101X	SWWOTOZX
Site Site Type ID		10 - MA - 99

* - Analyte Description has been truncated. See Data Dictionary

Site Site
Type ID
PLUG SS-WW-01

Final Documentation Appendix Report Installation : Fort Allen, Puerto Rico (FN) File Type: CSO

Unit Flag Data EPA Data			NGG V	NGG VB	NGG VB	> 99n	8A 997	7 291	> 200	A 250	7 290	A 590	N 550	> 000	N 000	> 990	A 991	· 200	A 2011	> 2	A 200	^ 55U	N 55U	v 25U	^ DOU	A 550	v 55U	V 30U		N 990	V 25U	A 550	v 200	v 55U	v 55U	NGG V	NGG V	N 990	v 55U	v 55U	A 590	> 550	A 550	v 55U		^ 050	A 550	A 550	
Ze Ze	Bo Conc		11	26300	40000	15300	1100	8 77	2,72			1000	121	49.5	24.5	53.7	128	60.2	38500	-								17 .33		11 .33	17 .33	17 .33			LT .33				17 .33	11 .33	13.33			11 .33		11 .33	11 .5		
	Analyte Description		Cadhiun	Aluminum	Iron	Magnesium	Kanganese		Dottestim		ST CVET	Sodium	Barium	Chromicm	Cobalt	Copper	Vanadium	Zine	Calcium	4-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1		4-Nitrophenol	2,4-Dimethylphenol	p-Cresol / 4-Cresol / 4-Methylphenol	zene	4-Chloroaniline	Bis(2-chloroisopropyl) ether	Phenol / Carbolic acid / Phenic acid	/ Phemylic acid / Phe*	Bis(2-chloroethyl) ether	Bis(2-chloroethoxy) methane	Bis(2-ethylhexyl) phthalate	Di-n-octyl phthalate	Mexach lorobenzene	Anthracene	1,2,4-Trichlorobenzene	2,4-Dichlorophenol	2,4-Dinitrotoluene	Benzo [def] phenanthrene / Pyrene	Dimethyl phthalate	Dibenzofuran	Benzo [ghi]perylene	Indeno[1,2,3-C.D] Dyrene	Benzo [b] fluoranthene / 3.4-	Benzofluoranthene	Fluoranthene	Benzo [k] fluoranthene	Acenaph thy lene	
	CAS No.		7440-43-9	7429-90-5	7439-89-6	7439-95-4	7439-96-5	0-20-0772	2770-00-1	1110 0772	4-27-044/	7440-23-5	7440-39-3	7440-47-3	7-87-0792	7440-50-8	7440-62-2	9-99-0442	2-02-0772	100-01-4	0-10-001	100-05-7	105-67-9	106-44-5	106-46-7	106-47-8	108-60-1	108-95-2		111-44-4	111-91-1	117-81-7	117-84-0	118-74-1	120-12-7	120-82-1	120-83-2	121-14-2	129-00-0	131-11-3	132-64-9	191-24-2	193-39-5	205-99-2		206-44-0	207-08-9	208-96-8	
Heth/	Matrix		ICM1/S	ICP1/S																SWV2 /c	SUATE S																												
ge 1	Lab Anly. No.	:	RL 52678-10																																														
Sample	Date		19-NOV-96																																														
	Depth		2.0																																														
Field	Sample No.		SWW0102X																																														

^{* -} Analyte Description has been truncated. See Data Dictionary

28-JAN-97

Site Site
Type ID
---PLUG SS-WW-01

Final Documentation Appendix Report Installation :Fort Allen, Puerto Rico (FN) File Type: CSO

28-JAN-97	
01-JAN-75	
Date Range:	
Sampling Da	

1		Sample		_ _	Woth/			3		Hoi+ Floa	400	EDA Data
Sample No.	Depth	Date	Lab	Lab Anly. No.	2	CAS No.	Analyte Description		Conc	Meas Codes	Quals	Quals
											:	
SWW0102X	2.0	19-NOV-96	귍	52678-10	SMV2/S	218-01-9	Chrysene		.33	^ 550		
						50-32-8	Benzo[a]pyrene	5	.33			
						51-28-5	2,4-Dinitrophenol	5	ω.	v 55U		
						53-70-3	Dibenz[ah]anthracene / 1,2:5,6-	ב	9.	V 550		
							Dibenzanthracene					
						534-52-1	4,6-Dinitro-2-cresol / 2-Methyl-4,6-	ב	-	V 55U		
							dinitrophenol					
						541-73-1	1,3-Dichlorobenzene	ב	.33	v 55U		
		•				56-55-3	Benzo [a] anthracene		.33	NGG V		
						29-50-7	3-Methyl-4-chlorophenol / 4-Chloro-3-	ב	.33	> 550		
							cresol / 4-Chloro-3-m*					
						606-20-2	2,6-Dinitrotoluene	ב	.33	V 55U		
						621-64-7	N-Nitrosodi-n-propylamine	5	.33	A 550		
						67-72-1	Hexachloroethane		.33	v 55U		
						7-47-47	Hexachlorocyclopentadiene	5	.33	N 550		
						78-50-1	Tanaharana	=	22	7 250		
						84-42-0	Aconomit those	: =				
						8/-44-2	Diothy sheboloto	; <u>;</u>	52			
						2-00-40	Dietnyt phinatale	<u>.</u> :	ç:			
						2-4/-58	Di-n-butyl phthalate		.33			
						85-01-8	Phenanthrene		.33			
						85-68-7	Butylbenzyl phthalate	=	.33	v 550		
						86-30-6	N-Nitrosodiphenylamine	ב	.33	V 55U		
						86-73-7	Fluorene / 9M-Fluorene	5	.33	V 25U		
						84-74-8	Carbarole / Ou-Carbarole	=	44			
						87-68-3	Hexachlorohutadiana / Hexachloro-1 3-		33			
							but adione		1			
						2 70 70		:	•			
						87-80-5	Pentachlorophenol	- !	ο i	> 500		
						88-06-2	2,4,6-Trichlorophenol	5	.33	NGG V		
						88-74-4	2-Nitroaniline	5	ω.			
						88-75-5	2-Nitrophenol	5	.33	^ 550		
						91-20-3	Naphthalene / Tar camphor	=	.33	v 55U		
						91-57-6	2-Methylnaphthalene	ב	.33	V 250		
						91-58-7	2-Chloronaphthalene	5	.33			
						91-94-1	3.3'-Dichlorobenzidine		80			
						2-78-50	o-Cresol / 2-Cresol / 2-Methylphenol		11			
						05-50-1	4 3-5 at languages		52			
						27 77 0	1,2-Dichioropenzene		ç:			
						95-57-8	2-Chlorophenol		.33			
						95-95-4	2,4,5-Trichlorophenol		∞.	> 550		
						98-95-3	Nitrobenzene / Essence of mirbane /	5	.33	> 550		
							Oil of mirbane					
						89-09-5	3-Nitroaniline	ב	۰	NGG V		
							4-Bromophenyl phenyl ether		.33	V 250		
							4-Chlorophenyl ohenyl ether		43	N 990		
							Unknown compound 539		9	UGG VR		
							מוצוחשו ככוולכתות יכי	•	•			

* - Analyte Description has been truncated. See Data Dictionary

EPA Data Quals

Final Documentation Appendix Report Installation :Fort Allen, Puerto Rico (FN) File Type: CSO

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3		Analyte Description		Unknown compound 551	ound 6	ound 6	ound 6	ound 6		ound 6	ound 6	ound 6	Unknown compound 660	9 punoduo
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Sampling Date Range: 01-JAN-75		CAS No.												
ing Da				s/										
Sampl	Meth/			SMV2/S										
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	Site	2 :		5-1										
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^{**} End of Report - 626 Records Found **

SOIL BORINGS - SUBSURFACE SOIL

ABB Environmental Services, Inc.

Final Documentation Appendix Report Installation :Fort Allen, Puerto Rico (FN) File Type: CSO Sampling Date Range: 01-JAN-75

EPA Data Quals		,																																							
Data Quals	: :																																								
	V 200		V DDU	NGG V	7 000) ogo	066 V	N 550	-	_	166 VB	-		-		0GG VB	> 251	> > 990	> 550 000	v 550	V 090	NGG V	N 990	v 55U	N 550	V 25U	> 550	NGG V	v 25U	NGG V	N 550		A 550	V 20U	A 550	A 550	v 55U	NGG V	NGG V	V 000	
Me Bo Conc	LT 4	LT .5	LT 1		17 .2		2.57		17 .2	25400	24300 51000	47100	17500	18200	957	975		11 1000			1580	1350	196	152	62.8	24.4	251	48.5	192	8.69	14000	31300	LT .8				5	LT .33		5	
	Diesel range organics	Gasoline range organics	Selenium	Thallium	Mercury	Antimony	Arsenic	Beryllium	Cadmium	Aluminum			Magnesium		Manganese		Dottootim		Silver		Sodium		Barium		Chromium	Cobalt		Copper	Vanadium	Zinc	Calcium		4-Nitroaniline	4-Nitrophenol	2,4-Dimethylphenol	p-Cresol / 4-Cresol / 4-Methylphenol	1,4-Dichlorobenzene	4-Chloroaniline	Bis(2-chloroisopropyl) ether	Phenol / Carbolic acid / Phenic acid / Phenylic acid / Phe*	
CAS NO.	7.50.02.72	1-34-45-1	7782-49-2	7440-28-0	7439-97-6	7440-36-0	7440-38-2	7440-41-7	2440-43-9	7429-90-5	7.40-80-6	127 67 6	7439-95-4		7439-96-5	0-60-0772	7.40-02-7	1-60-044	7440-22-4		7440-23-5		7440-39-3		2440-42-3	7440-48-4		7440-50-8	7440-62-2	2440-66-6	7440-70-2		100-01-6	100-02-7	105-67-9	106-44-5	106-46-7	106-47-8	108-60-1	108-95-2	
Meth/ Matrix	DRO /S	GRO /S	GSE1/S	GTL1/S	HGC1/S	ICM1/S				ICP1/S																							SMV2/S								
Lab Anly. No.	RL 52678-01																																								
Sample Date	19-NOV-96																																						٠		
Depth	12.0																																								
Field Sample No.	B080112X																									-															
Site ID	SB-08-01																																								
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pendix f	Installation : Fort Allen, Puerto Rico	CSO
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Fire	Install	

Site Site
Type ID

28-JAN-97

Sample Lab Meth/ Date Lab Anly. No. Matrix CAS No. 19-NOV-96 RL 52678-01 SMVZ/S 111-44-4 117-84-0 118-74-1 117-84-0 118-74-1 117-84-0 118-74-1 117-84-0 118-74-1 117-84-0 118-74-1 117-84-0 118-74-1 117-84-0 118-74-1 120-12-7 120-	Lab Meth/ Lab Anly. No. Matrix RL 52678-01 SHVZ/S	File Type: CSO Date Range: 01-JAN-75 28-JAN-97	Me Unit Flag Data E	No. Analyte Description Bo Conc Mess Codes Quals	Bis(2-chloroethyl) ether LT .33 UGG V	Bis(2-chloroethoxy) methane LT .33	Bis(2-ethylhexyl) phthalate LT .33	Di-n-octyl phthalate	Hexachlorobenzene LT .33	Anthracene LT .33	1,2,4-Trichlorobenzene	2,4-Dichlorophenol LT .33	2,4-Dinitrotoluene	Benzoldef]phenanthrene / Pyrene LT .33	Dimethyl phthalate	Dibenzofuran LT .33	Benzo[ghi]perylene	Indeno[1,2,3-C,D]pyrene	Benzo(b)fluoranthene / 3,4-	Benzofluoranthene	Fluoranthene	Benzo(K)†(Loranthene	Acenaphtnylene	Benzolajpyrene	Differential continuous (1 2.5 4.	Dibantanthraces		dinitrochenol		Benzo(a) anthracene	3-Methyl-4-chlorophenol / 4-Chloro-3- LT .33	cresol / 4-Chloro-3-m²	2,6-Dinitrotoluene	N-Witrosodi-n-propylemine LT .33	Hexachioroethane LT .33	Hexachlorocyclopentadiene LT	Isophorone LT .33	Acenaphthene LT .33	Diethyl phthelete LT .33 UGG	Di-n-butyl phthelate	Phenanthrene LT .33	Butylbenzyl phthalate	N-Witrosodiphenylamine LT .33	Elipson / ON-Flustone	
Lab Meth/ Lab Anly. No. Matrix RL 52678-01 SMVZ/S	Sample Lab Anly. No. Meth/ Date Lab Anly. No. Metrix 19-NOV-96 RL 52678-01 SMV2/S	Fi Range: 01-1/			4				18-74-1 Hex																																		_		
	Sample Date				-	111	-117-	117-	118-	120	120-	120	121-	5 2	131-	132-	191-	-193	205	36	9 6	700	200	100			-725		-145	295	26-2		98	-129	67-7	1-12	5-92	E-58	9-48	24-7	95-0	9-58	86-3	86-7	}
Sample Date 19-NOV-96			Lab	Leb Anly. No.	RL 52678-01																																								
	12.0 12.0		Sample	Date	19-NOV-96																																								

28-JAN-97

Final Documentation Appendix Report Installation :Fort Allen, Puerto Rico (FN) File Type: CSO Sampling Date Range: 01-JAN-75

EPA Data Quals																																											
Data Quals	1 1 1																															٠											
	NGG V	V 25U	A 550	7 500					V 22U				v 25U	v 55U		v 220	N 550	V 55U		UGG VB	NGG VB	UGG VB	UGG VB			UGG VB	v 550	UGG BV	v 550	NGG V	NGG V	NGG V	NGG V	A 550	NGG V	V 22U	UGG VB				7 500	A 550	066 V
	- LT .33	8. 17												LT .33		•			9 E -2	9	٦.	8 E -2	?	7	.2	-	LT 4	2.13	LT .5	11	LT 2	LT .2		2.32		LT .2	24300	40700	17800	1410		1000	7 11
Analyte Description	Hexachlorobutadiene / Hexachloro-1,3-	Pentachlorophenol	2,4,6-Trichlorophenol	Z-Witroaniline	Z-Nitrophenol	Naphthalene / Tar camphor	2-Methylnaphthalene	2-Chloronaphthalene	3,3'-Dichlorobenzidine	o-Cresol / 2-Cresol / 2-Methylphenol	1,2-Dichlorobenzene	2-Chlorophenol	2,4,5-Trichlorophenol	Nitrobenzene / Essence of mirbane /	Oil of mirbane	3-Nitroaniline		4-Chlorophenyl phenyl ether		Unknown compound 539	Unknown compound 551	Unknown compound 614	Unknown compound 615	Unknown compound 623		Unknown compound 637	Diesel range organics	Lead	Gasoline range organics	Selenium	Thallium	Mercury	Antimony	Arsenic	Beryllium	Cadmium	Aluminum	Iron	Magnesium	Manganese	Nickel	Potassica	SILVER
CAS No.	87-68-3	87-86-5	88-06-2	9-1/-88	88-75-5	21-20-5	91-57-6	91-58-7	91-94-1	95-48-7	95-50-1	95-57-8	95-95-4	98-95-3		2-60-66												7439-92-1		7782-49-2	7440-28-0	7439-97-6	7440-36-0	7440-38-2	7440-41-7	7440-43-9	7429-90-5	7439-89-6	7439-95-4	7439-96-5	7440-02-0	7-60-04-7	4-33-044)
Meth/ Matrix	SMV2/S																										DRO /S	GPB1/S	GRO /S	GSE1/S	GTL1/S	HGC1/S	ICM1/S				1CP1/S						
Lab Lab Anly. No.	RL 52678-01																										RL 52678-02																
Sample Date	19-NOV-96																										12.0 19-NOV-96																
Depth	12.0																									,	12.0																
Field Sample No.	B080112X																										B080212X																
Site Site Type ID	SB																										SB-08-05																

* - Analyte Description has been truncated. See Data Dictionary

Final Documentation Appendix Report Installation :Fort Allen, Puerto Rico (FN) File Type: CSO Sampling Date Range: 01-JAN-75 28-JAN-97

	EPA Data	Quals																																															
	Data	Quals	:																																														
	Unit Flag	Meas Codes		> 990	> 550	> pgn	A 990	A 590	V 200	> 9911	7 221	2 2 2 2 2 2 2	> > 991	> > 990				> 990	> 990		> 550	> 550	× 990	7 20 2			> 990	> 550	> 990	> 990			> 990	> 550 0	> 550 0	NG6 V		A 550	> 990	-				> 200	200	A 550		v 590	
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14-NAL-02 61-NAL-10		Analyte Description		En i Doc	Berica	Chromium	Cobalt	Copper	Vanadium	Zinc	Calcium	4-Nitroaniiine	6-Witnoshenoi	2.4-Dimethylphenol		1 /-Dichiosharana	4-Chloroanitine	Bis(2-chlorotsopropyl) ether	Phenol / Carbolic acid / Phenic acid	/ Phenylic acid / Phe*	Bis(2-chloroethyl) ether	Bis(2-chloroethoxy) methane	Bis(2-ethylhexyl) phthalate	Di-D-00-101		HEXECTIO COOPINATION	Anthracene	1,2,4-Trichlorobenzene	2,4-Dichlorophenol	2,4-Dinitrotolueme	Benzo (def) phenanthrene / Pyrene	Dimethyl phthalate	Dibenzofuren	Benzo [ghi] perylene	Indeno[1,2,3-C,D]pyrene	Benzo [b] fluoranthene / 3,4-	Benzofluoranthene	Fluoranthene	Benzo [k] fluoranthene	Acenaphthylene	Chrysene	Benzofaltwrene	2 4-Dinitrophenol	Dibertial spinsters / 1 2.5 4.	Dibertachharana	4.6-Dinitro-2-cresol / 2-Methyl-4.6-	dinitrophenol	1,3-Dichlorobenzene	
Date Range: 01-JAN-73		CAS No.	27.00.07.7	C-C2-04-1	7440-39-3	7440-47-3	7440-48-4	7440-50-8	7440-62-2	9-99-077	7440-70-2	100-01-6	100-02-7	105-67-9	104-44-E	104-44-7	2-/4-901	1.08-901	108-95-2		111-44-4	111-91-1	117-81-7	117-84-0	72-61	1-0-/-011	7-21-021	120-82-1	120-83-2	121-14-2	129-00-0	131-11-3	132-64-9	191-24-2	193-39-5	205-99-2		206-44-0	207-08-9	208-96-8	218-01-9	50-32-8	51-28-5	53.70-3	-01-01	534-52-1		541-73-1	
a Burnchines	Meth/	Matrix	27 700	1011								SW2/S																																					
	Lab	Lab Anly. No.	60 62763 10																																														
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Final Documentation Appendix Report Installation :Fort Allen, Puerto Rico (FN) File Type: CSO Sampling Date Range: 01-JAN-75

Sample Depth Date

Field Sample No. 1 BO80212X

Site Site
Type ID
BORE SB-08-02

1. \$2678-02 \$8902/5 \$6-55-3		56-55-3 59-50-7 606-20-2 621-64-7 67-72-1 77-47-4 78-59-1 83-32-9 84-66-2 84-66-2 84-66-2 85-68-7 86-30-6 86-74-8 85-68-7 86-74-8	e phenol -3-m* e pylamin ntadien ntadien ntadien e are amine prene rbazole		,	
52678-02 SWZ/S 56-55-3 Benzo Gal anthracene L1 .33 UGG 59-57-7 3-Herbyl, -ch loropalmol (4-chloro-3- LT .33) UGG 60-20-2 2,6-0 initrotoluene L1 .33 UGG 67-72-1 Hexachlorocyclopentediene L1 .33 UGG 67-72-1 Hexachlorocyclopentediene L1 .33 UGG 87-72-1 Hexachlorocyclopentediene L1 .33 UGG 87-72-1 Hexachlorocyclopentediene L1 .33 UGG 84-66-2 Diethyl phthalate L1 .33 UGG 84-66-2 Diethyl phthalate L1 .33 UGG 84-66-2 Diethyl phthalate L1 .33 UGG 86-73-7 Rutylbenzyl phthalate L1 .33 UGG 86-73-7 Garbazole / 9H-Carbazole L1 .33 UGG 86-73-7 Parkitronophenol L1 .33 UGG 86-74-8 Carbazole / 9H-Carbazole L1 .33 UGG 86-75-5 Parkitronophenol L1 .33 UGG 86-76-7 Parkitronophenol L1 .33 UGG <td>52678-02</td> <td>56-55-3 59-50-7 606-20-2 621-64-7 67-72-1 77-47-4 78-59-1 83-32-9 84-66-2 84-66-2 84-74-2 86-71-8 85-68-7 86-73-7 86-73-7</td> <td>e phenol -3-m* e pylamin tadien ntadien ate amine prene rbazole</td> <td></td> <td></td> <td></td>	52678-02	56-55-3 59-50-7 606-20-2 621-64-7 67-72-1 77-47-4 78-59-1 83-32-9 84-66-2 84-66-2 84-74-2 86-71-8 85-68-7 86-73-7 86-73-7	e phenol -3-m* e pylamin tadien ntadien ate amine prene rbazole			
3-Methyl-4-chlorophenol / 4-Chloro-3- LT .33 UGG c.resol / 4-Chlorophenol / 4-Chloro-3- LT .33 UGG N-Nitrosodi-n-propylamine LT .33 UGG N-Nitrosodi-n-propylamine LT .33 UGG N-Nitrosodi-n-propylamine LT .33 UGG Isophornen LT .33 UGG Acenaphthene LT .33 UGG Diethyl phthalate LT .33 UGG Phenanthrene LT .33 UGG Phenanthrene LT .33 UGG Phenanthrene LT .33 UGG Phenanthrene LT .33 UGG N-Nitrosodiphenylamine LT .33 UGG Eluorene / 9H-Carbazole N-Nitrosodiphenylamine LT .33 UGG Carbazole / 9H-Carbazole N-Nitrosomiline LT .33 UGG 2-Nitrosomiline Phenanthalene LT .33 UGG 2-Chloropathalene LT .3		59-50-7 606-20-2 621-64-7 67-72-1 77-47-4 78-59-1 83-32-9 84-74-2 85-01-8 85-61-8 86-30-6 86-73-7 86-73-7 86-73-7	phenol -3-m* e bylamin ntadien ntadien ate amine orene rbazole		> > > 990 990 990 990	
cresol / 4-Chiloro-3-m² 2,6-Dinitrotolumine cresol / 4-Chiloro-3-m² N-Nitrosodi-n-propylamine LT .33 UGG Acenaphthene LT .33 UGG Acenaphthene LT .33 UGG Acenaphthene LT .33 UGG Acenaphthene LT .33 UGG Di-n-buryl phthalate LT .33 UGG Phenanthrene LT .33 UGG Phenanthrene LT .33 UGG Carbazole / 9H-Carbazole LT .33 UGG Rivorene / 9H-Carbazole LT .33 UGG Carbazole / 9H-Carbazole LT .33 UGG 2-Nitrophenol LT .33 UGG 2-Nitrophenol LT .33 UGG 2-Nitrophenol LT .33 UGG 2-Chioropaphthalene LT .33 UGG 2-Chioropaphenol Essence of mirbane / LT .33 UGG Unknown compound 548		606-20-2 621-64-7 67-72-1 77-47-4 78-59-1 83-32-9 84-66-2 84-74-2 85-01-8 85-68-7 86-30-6 86-73-7 86-73-7 86-74-8	cresol / 4-Chloro-3-m* 2,6-Dinitrotoluene N-Nitrosodi-n-propylamine Hexachloroethane Hexachlorocyclopentadiene Isophorone Acenaphthene Diethyl phthalate Phenanthrene Butylbenzyl phthalate Phenanthrene Carbacole / 9H-Fluorene Carbazole / 9H-Fluorene Carbazole / 9H-Carbazole Hexachlorobutadiene / Hexachloro-1,3-butadiene		> > > > > > > > > > > > > > > > > > >	
2,6-Dinitrotoluene 1,1.33 1,066 1,1.33 1,066 1,1.33 1,066 1,1.33 1,066 1,1.33 1,066 1,1.33 1,066 1,1.33 1,066 1,1.33 1,066 1,1.33 1,066 1,1.33 1,066 1,1.33 1,066 1,1.33 1,066 1,1.33 1,066 1,1.33 1,066 1,1.33 1,066 1,1.33 1,066 1,1.33 1,066 1,1.33 1,066 1,1.33 1,066 1,1.33 1,1.33 1,066 1,1.33 1,2.Dichlorophenol 1,1.33 1,2.Dichloropenzidine 1,1.33 1,2.Dichloropenzidine 1,1.33 1,2.Dichloropenzidine 1,1.33 1,2.Dichloropenzidine 1,3.33 1,3.0 1,3.34 1,3.0 1,3.34 1,3.35 1,		606-20-2 621-64-7 77-47-4 78-59-1 83-32-9 84-74-2 85-01-8 85-61-8 86-30-6 86-73-7 86-73-7	2,6-Dinitrotoluene N-Nitrosodi-n-propylamine Nexachlorosthane Hexachlorocyclopentadiene Isophorone Acenaphthene Diethyl phthalate Di-n-butyl phthalate Phenanthene Butylbenzyl phthalate Fluorene / 9H-Fluorene Carbazole / 9H-Fluorene Carbazole / 9H-Carbazole Hexachlorobutadiene / Hexachloro-1,3-butadiene		> > > > 55 > 55 55 55 55 55 55 55 55 55 55 55 55 55	
N-Nitrosodi-n-propylamine LT .33 UGG Hexachloroethane LT .33 UGG I sophorone LT .33 UGG Di-n-burly phthalate LT .33 UGG Phenanthrene LT .33 UGG Phenanthrene LT .33 UGG Buty/benzyl phthalate LT .33 UGG Ruty/benzyl phthalate LT .33 UGG Ruty/benzyl phthalate LT .33 UGG Ruty/benzyl phthalate LT .33 UGG Carbazole / 9H-fluorene LT .33 UGG Z-Vitroaniline LT .33 UGG Z-Nitroaniline LT .33 UGG S-Nitroaniline LT .33 UGG Z-Cresol / Z-Cresol / Z-Methylphenol LT .33 U		621-64-7 67-72-1 77-72-1 78-59-1 83-32-9 84-66-2 84-74-2 85-61-8 85-68-7 86-73-7 86-73-7 86-73-7	N-Nitrosodi-n-propylamine Hexachloroethane Hexachlorocyclopentadiene Isophorone Acenaphthene Diethyl phthalate Di-n-butyl phthalate Phenanthrene Butylbenzyl phthalate N-Nitrosodiphenylamine Fluorene / 9H-Fluorene Carbazole / 9H-Carbazole Hexachlorobutadiene / Hexachloro-1,3-butadiene		> > > 5 5 5 7 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	
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isophorone Acenaphthene Joethy phthalate Diethyl phthalate Diethyl phthalate Diethyl phthalate LT .33 UGG Butylbenzyl phthalate LT .33 UGG Butylbenzyl phthalate LT .33 UGG Rehazole / 9H-Carbazole LT .33 UGG Eluorene / 9H-Carbazole LT .33 UGG Eluorene / 9H-Carbazole LT .33 UGG Eluorene / Hexachloro-1,3- LT .33 UGG Z-4,6-Trichlorophenol LT .33 UGG Z-Nitrophenol E-Nitrophenol C-Nitrophenol C-Chlorophenol C-Chesol / Z-Cresol / Z-Methylphenol LT .33 UGG Z-4,5-Trichlorophenol C-Chlorophenol C-Chloroph		78-59-1 83-32-9 84-66-2 84-74-2 85-01-8 85-68-7 86-73-7 86-73-7 86-74-8	Isophorone Acenaphthene Diethyl phthalate Di-buryl phthalate Phenanthrene Butylbenzyl phthalate N-Nitrosodiphenylamine Fluorene / 9H-Fluorene Carbazole / 9H-Carbazole Hexachlorobutadiene / Hexachloro-1,3-butadiene		> 201	
Acapathythere Diethyl phthalate Diethorophenol Diethyl phthalate Dentachlorophenol Diethyl phenol Diethorophenol Diethoropheno		85-57-1 84-66-2 84-74-2 85-01-8 85-88-7 86-73-7 86-73-7 86-73-7	Aschoore Accamplified Diethyl phthalate Di-n-butyl phthalate Phenanthrene Butylbenzyl phthalate N-Nitrosodiphenylamine Fluorene / 9H-Fluorene Carbazole / 9H-Farbazole Hexachlorobutadiene / Hexachloro-1,3-butadiene			
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Diethyl phthalate Diethyl phthalate Din-butyl phthalate Din-butyl phthalate Din-butyl phthalate LT .33 UGG Butylbenzyl phthalate LT .33 UGG N-Nitrosodiphenylamine LT .33 UGG Carbazole / 9H-Carbazole LT .33 UGG Lexachlorobutadiene / Hexachloro-1,3- LT .33 UGG Lexachlorophenol C-4,6-Trichlorophenol C-Nitropenol C-C-Esol / 2-Methylphenol C-C-S-Methylphenol C-C-Esol / 2-Methylphenol		84-66-2 84-74-2 85-01-8 85-68-7 86-30-6 86-73-7 86-74-8 87-68-3	Diethyl phthalate Di-n-buryl phthalate Phenanthrene Butylbenzyl phthalate N-Nitrosodiphenylamine Fluorene / 9H-Fluorene Carbazole / 9H-Carbazole Hexachlorobutadiene / Hexachloro-1,3-butadiene		> 550 1	
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Phenanthrene Butylbenzyl phthalate IT .33 UGG Garbazole / 9H-Fluorene IT .33 UGG Garbazole / 9H-Fluorene IT .33 UGG Garbazole / 9H-Fluorene IT .33 UGG Garbazole / 17 .33 UGG Hexachlorophenol Z-4,6-Trichlorophenol Z-4,6-Trichlorophenol IT .33 UGG Z-Nitrophenol Baphthalene / Tar camphor Z-Nitrophenol IT .33 UGG Z-Nitrophenol IT .33 UGG Z-Nitrophenol IT .33 UGG Z-Nitrophenol IT .33 UGG Z-Chlorophenol IT .33 UGG Z-Chlorophenol IT .33 UGG Z-Chlorophenol IT .33 UGG Z-Chlorophenol IT .33 UGG Z-4,5-Trichlorophenol IT .33 UGG UGG Unknown compound 559 Unknown compound 559 Unknown compound 648 Unknown compound 648 Unknown compound 648 Unknown compound 646 Unknown compound 645		85-01-8 85-68-7 86-30-6 86-73-7 86-74-8 87-68-3	Phenanthrene Butylbenzyl phthalate N-Nitrosodiphenylamine Fluorene / 9H-Fluorene Carbazole / 9H-Carbazole Hexachlorobutadiene / Hexachloro-1,3-		V 55U	
Buryleanth at the late of the		85-68-7 86-73-7 86-73-7 86-74-8 87-68-3	Principal of the state Butylbenzyl phthalate N-Nitrosodiphenylamine Fluorene / 9H-Fluorene Carbazole / 9H-Carbazole Hexachlorobutadiene / Hexachloro-1,3-butadiene		> > 201	
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Fluorene / 94-Fiuorene Carbazole / 94-Garbazole LT .33 Hexachlorobutadiene / Hexachloro-1,3- LT .33 UGG Dutadiene Pentachlorophenol 2,4,6-Trichlorophenol 2-Nitrophenol Naphthalene / Tar camphor 2-Nitrophenol 2-Nitrophenol 2-Nitrophenol 2-Nitrophenol 2-Nitrophenol 2-Nitrophenol 2-Nitrophenol 2-Nitrophenol 2-Nitrophenol 2-Cresol / 2-Methylphenol 17 .33 UGG 2-Chlorophenol 2,4,5-Trichlorobenzene 2,4,5-Trichlorobenzene 2,4,5-Trichlorophenol 17 .33 UGG 2-Chlorophenol 2,4,5-Trichlorophenol 17 .33 UGG 2,4,5-Trichlorophenol 3,7-Trichlorophenol 2,4,5-Trichlorophenol 3,8-Trichlorophenol 3,8-		86-73-7 86-74-8 87-68-3	Fluorene / 9H-Fluorene Carbazole / 9H-Carbazole Hexachlorobutadiene / Hexachloro-1,3- butadiene		NGG V	
Carbazole / 9H-Carbazole LT .33 UGG Hexachlorobutadiene / Hexachloro-1,3- LT .33 UGG 2,4,6-Trichlorophenol 2,4,6-Trichlorophenol 2-Nitrophenol 2-Nitrophenol 2-Nitrophenol 3-Nitrophenol 3,3'-Dichlorobenzidine 2-Chloronaphthalene 3,3'-Dichlorobenzidine 2-Chloronaphthalene 3,3'-Dichlorobenzidine 3,3'-Dichlorobenzene 1T .33 UGG 2,4,5-Trichlorophenol 1,2-Dichlorophenol 1,2-Dichlorophenol 1,2-Dichlorophenol 1,2-Dichlorophenol 2,4,5-Trichlorophenol 3,3'-Dichlorophenol 1,2-Dichlorophenol 1,2-Dichlorophenol 1,2-Dichlorophenol 2,4,5-Trichlorophenol 3,3'-Dichlorophenol 1,2-Dichlorophenol 1,2-Dichlorophenol 1,2-Dichlorophenol 1,2-Dichlorophenol 1,33 UGG 2,4,5-Trichlorophenol 1,33 UGG 2,4,5-Trichlorophenol 1,33 UGG 2,4,5-Trichlorophenol 1,33 UGG 2,4-Chlorophenyl phenyl ether 3-Nitroaniline 3-Nitroaniline 3-Nitroaniline 4-Bromophenyl phenyl ether 1,33 UGG 4-Chlorophenyl phenyl ether 2,-Chlorophenyl phenyl ether 3-Nitroaniline 3-Nitroaniline 3-Nitroaniline 3-Nitroaniline 3-Nitroaniline 1,1,33 UGG 2,4,5-Trichlorophenol 3,4,5-Trichlorophenol 3,5-Trichlorophenol 3,6-Trichlorophenol 3,7-Trichlorophenol 3,8-Trichlorophenol 3,8-T		86-74-8 87-68-3	Carbazole / 9H-Carbazole Hexachlorobutadiene / Hexachloro-1,3- butadiene			
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butadiene Purtadiene Putadiene Putad		C-00-10	nexachiorobutadiene / nexachioro-1,3-butadiene		2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	
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2-Nitrophenol Naphthalene / Tar camphor LT .33 UGG 2-Methylnaphthalene LT .33 UGG 2-Chloronaphthalene LT .33 UGG 3,3'-Dichlorobenzidine O-Cresol / 2-Methylphenol LT .33 UGG 2,4,5-Trichlorophenol Nitrobenzene / Essence of mirbane / Mitrobenzene / Essence of mirbane Mitrobenzene / Essence of mitrobenzene Mitrobenzene / Essence of mitrobenzene Mitrobenzene / Essence of mitrobenzene Mitrobenzene / Essence / Mitrobenzene Mitrobenzene / Mitrobenzene Mitrobenzene / Mitrobenzene Mitrobenzene		88-74-4	2-Nitroaniline		V 25U	
Naphthalene / Tar camphor LT .33 UGG 2-Methylnaphthalene LT .33 UGG 2-Chloronaphthalene LT .33 UGG 2-Chloronaphthalene LT .33 UGG 2-Chloronaphthalene LT .33 UGG 2-Chlorophenol LT .33 UGG 0:1 of mirbane / Exsence of mirbane / LT .33 UGG 4-Chlorophenyl phenyl ether LT .33 UGG 4-Chlorophenyl phenyl ether LT .33 UGG Unknown compound 548 .1 UGG Unknown compound 548 .1 UGG Unknown compound 649 9 E -2 UGG Unknown compound 616 .1 UGG Unknown compound 615 .4 UGG Unknown COMPOUND C		88-75-5	2-Witrophenol		7 2011	
2-Methylaphthalene LT .33 UGG 2-Chloromaphthalene LT .33 UGG 2-Chloromaphthalene LT .33 UGG 2-Chloromaphthalene LT .33 UGG 3,3'-Dichlorobenzene LT .33 UGG 1,2-Dichlorobenzene LT .33 UGG 2,4,5-Trichlorophenol LT .33 UGG 2,4,5-Trichlorophenol LT .33 UGG 2,4,5-Trichlorophenol LT .33 UGG Nitroaniline LT .33 UGG 01 of mirbane LT .33 UGG 01 of mirbane LT .33 UGG 4-Bromophenyl phenyl ether LT .33 UGG 4-Chlorophenyl phenyl ether LT .33 UGG Unknown compound 548 .1 UGG Unknown compound 549 9 E -2 UGG Unknown compound 616 .1 UGG Unknown compound 616 .1 UGG Unknown compound 615 .4 UGG Unknown compound 623 .4 UGG Unknown compound 615 .4 UGG Unknown COMPOUND C		5-00-10	Month of Contract		2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	
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2-Chloronaphthalene 2-Chloronaphthalene 3,3'-Dichlorobenzidine 1,2-Dichlorobenzene 1,2-Dichlorobenzene 1,2-Dichlorobenzene 2-Chlorophenol 1,2-Dichlorophenol 2,4'-Trichlorophenol 3-Nitrobenzene / Essence of mirbane / LT .33 UGG 0,1 of mirbane 3-Nitroaniline 4-Bromophenyl phenyl ether 1,1 .33 UGG 0,1 of mirbane 3-Nitroaniline 4-Bromophenyl phenyl ether 1,1 .33 UGG 4-Chlorophenyl phenyl ether 1,1 .33 UGG 0,0 Nomown compound 548 0,0 CG		91-57-6	2-Methylnaphthalene			
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o-Cresol / 2-Cresol / 2-Methylphenol LT .33 UGG 1,2-Dichlorobenzene LT .33 UGG 2,4,5-Trichlorophenol LT .33 UGG 2,4,5-Trichlorophenol LT .33 UGG Oil of mirbane LT .33 UGG Oil of mirbane LT .33 UGG 4-Bromophenyl phenyl ether LT .33 UGG 4-Chlorophenyl phenyl ether LT .33 UGG Unknown compound 548 .1 UGG Unknown compound 549 9 E -2 UGG Unknown compound 616 .1 UGG Unknown compound 615 .4 UGG		91-94-1	3.3'-Dichlorobenzidine			
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2,4,5-Trichlorophenol LT .8 UGG Nitrobenzene / Essence of mirbane / LT .33 UGG Oil of mirbane 3-Nitroaniline 3-Nitroaniline 4-Bromophenyl phenyl ether LT .33 UGG 4-Chlorophenyl phenyl ether LT .33 UGG Unknown compound 548 .1 UGG Unknown compound 548 9 E -2 UGG Unknown compound 551 9 E -2 UGG Unknown compound 606 .1 UGG Unknown compound 616 .1 UGG Unknown compound 616 .1 UGG Unknown compound 616 .1 UGG		8-76-66	Z-Chlorophenol			
Nitrobenzene / Essence of mirbane / LT .33 UGG Oil of mirbane 3-Nitroaniline LT .8 UGG 4-Bromophenyl phenyl ether LT .33 UGG 4-Chlorophenyl phenyl ether LT .33 UGG Unknown compound 539 Unknown compound 548 Unknown compound 549 Unknown compound 656 Unknown compound 651 Unknown compound 606 Unknown compound 606 Unknown compound 606 Unknown compound 614 Unknown compound 615		95-95-4	2,4,5-Trichlorophenol			
011 of mirbane 3-Nitroaniline LT .8 UGG 4-Bromophenyl phenyl ether LT .33 UGG 4-Chlorophenyl phenyl ether LT .33 UGG 4-Chlorophenyl phenyl ether LT .33 UGG Unknown compound 548 .1 UGG Unknown compound 549 9 E -2 UGG Unknown compound 616 .1 UGG Unknown compound 616 .1 UGG Unknown compound 614 .1 UGG Unknown compound 615 .1 UGG Unknown compound 615 .4 UGG		98-95-3	Nitrobenzene / Essence of mirbane /		V 55U	
3-Nitroaniline 4-Bromophenyl phenyl ether LT .33 UGG 4-Chlorophenyl phenyl ether LT .33 UGG Unknown compound 548 Unknown compound 549 Unknown compound 654 Unknown compound 654 Unknown compound 614 Unknown compound 614 Unknown compound 615			Oit of mirbane			
4-Bromophenyl phenyl ether LT .33 UGG 4-Chlorophenyl phenyl ether LT .33 UGG 4-Chlorophenyl phenyl ether LT .33 UGG Unknown compound 548 .1 UGG Unknown compound 549 9 E -2 UGG Unknown compound 606 .1 UGG Unknown compound 616 .1 UGG Unknown compound 614 .1 UGG Unknown compound 614 .1 UGG Unknown compound 615 .1 UGG UGG Unknown compound 615 .4 UGG UUGG Unknown compound 623 .4 UGG		00-00	7-N: 4: 00 1: 1: 1: 1: 1: 1: 1: 1: 1: 1: 1: 1: 1:		7 2011	
L1 .33 UGG 6 UGG 7 E -2 UGG 9 E -2 UGG 9 E -2 UGG 11 UGG 6 UGG		32.02.6			> 2	
LT .33 UGG .1 UG			4-Bromophenyl phenyl ether		V 220	
6 UGG 9 E -2 UGG 9			4-Chlorophenyl phenyl ether		A 550	
.1 9 E -2 UGG 9 E -2 U			Unknown compound 539	9		
549 9 E -2 UGG 606 11 UGG 615 623 6 6 UGG 653 6 6 UGG 653 6 6 UGG 653 6 6 UGG 653 6 UG				, -		
compound 549 9 E -2 UGG compound 551 9 E -2 UGG compound 606 .1 UGG compound 614 .1 UGG compound 615 .4 UGG compound 623 6 UGG				1	กาก	
compound 551 9 E - 2 UGG compound 606 .1 UGG compound 614 .1 UGG compound 615 .4 UGG compound 623 6 UGG			compound	ш	99n	
compound 6061 UGG compound 6141 UGG compound 6154 UGG compound 623 6 UGG			compound	ш	99n	
compound 614 . 1 UGG compound 615 . 4 UGG compound 623 . 6 UGG			compound	۲.		
compound 615 .4 UGG compound 623 .6 UGG			compound	-		
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			compound	ָ ס		

* - Analyte Description has been truncated. See Data Dictionary

Site Type

Final Documentation Appendix Report Installation : Fort Allen, Puerto Rico (FN) File Type: CSO

	EPA Data																																													
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	Unit Flag		UGG VB	A 990	NGG BV	N 990	^ 990	> 990	A 990	> 99n	A 990	> 990	A 990	84 550	8A 990		8A 990	A 550	_	A 990	> 990	> 990	> 550	> 550	> 990	> 550	> 590	> 550 0			> 550	> :	> :	> 3	> >		> 591	7 991	3 3					> :	> 290	> 990
	Me Bo Conc		-	6.71		11 .5	11	LT 2	17 .2	LT 1	11 5	111	111	25200	33800	20600	946	31.4	1660		LT 1000		36.6	24.8	55.2	114	58.5					۲: ا				;		1		9			17 .33	۲. ۲. ۲. ۲. ۲. ۲. ۲. ۲. ۲. ۲. ۲. ۲. ۲. ۲	55. 17	
File Type: CSO Sampling Date Range: 01-JAN-75	Analyte Description		Unknown compound 637	Diesel range organics	Lead	Gasoline range organics	Selenium	Thattien	Mercury	Antimony	Arsenic	Beryllium	Cachrium	Aluminum	Iron	Magnesium	Manganese	Nickel	Potassium	Silver	Sodium	Barium	Chromium	Cobalt	Copper	Venedica	Zinc	Calcium	4-Nitrogniline	4-Nitrophenol	2,4-Dimethylphenol	p-Cresol / 4-Cresol / 4-Methylphenol	/ a-Dichioropenzene	ate/2-chloroformer// cehen	Phenol / Carbolic acid / Phenic acid	/ Phenylic acid / Phe*	Bis(2-chloroethyl) ether	Rie(2-chloroethoxy) methane	Die (2-etholitecol) obtate	Distraction of the second of t	UI-n-octyt phthatate	Hexach orobenzene	Anthracene	1,2,4-Trichlorobenzene	Z,4-Dichlorophenol	Z,4-Dinitrotoluene
Date Range:	CAS No.				7439-92-1	:	7782-49-2	7440-28-0	7439-97-6	7440-36-0	7440-38-2	7440-41-7	7440-43-9	7429-90-5	7439-89-6	7439-95-4	7439-96-5	7440-02-0	7-60-04-7	7440-22-4	7440-23-5	7440-39-3	7440-47-3	7440-48-4	7440-50-8	7440-62-2	9-99-0442	7440-70-2	100-01-6	100-02-7	105-67-9	106-44-5	1-04-00	100-47-0	108-95-2		111-44-4	111-01-1	117-81-7	7-10-7-1	0-8-21	118-74-1	120-12-7	120-82-1	7-59-071	7-41-171
Sampling	Meth/		SHV2/S	DRO /S	GPB1/S	GRO /S	GSE1/S	GTL1/S	HGC1/S	ICM1/S				ICP1/S															SMV2/S																	
	Lab Lab Anly. No.	'	RL 52678-02	RL 52678-14																																										
	Sample			18-NOV-96																																										
	Depth		12.0	12.0																																										
	Field Sample No.		B080212X	BOYUTZX																																										
	Site		SB-08-02	SB-09-01																																										

* - Analyte Description has been truncated. See Data Dictionary

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Final Documentation Appendix Report Installation :Fort Allen, Puerto Rico (FN) File Type: CSO Sampling Date Range: 01-JAN-75

Field Sample Sample Sample No. Depth Date 12.0 18-NOV-96

Site Site Type ID.

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	Unit Flag	-	 \ 000 \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \) Dec		SV DDU		V 25U	V 59U			X 3311	> 100 C	V 25U	> 000	A 550	A 550				v 55U		V 55U	> 551	\ 991		۸ عواا	> >	> 550	-						V 00U					v 550		V 25U	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \				· > 301
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01-JAN-75 28-JAN-97		Analyte Description	Benzo[def]phenanthrene / Pyrene	Dimetnyl phthalate	Dibenzoturan	2,4-Bis(isopropylamino)-6-methoxy-	1,3,5-triazine / Primato*	Benzo [ghi] perylene	Indeno[1,2,3-C,D]pyrene	Benzo[b]f[uoranthene / 3.4-	Benzoflucranthene			Benzo[K] tluoranthene	Acenaphthylene	Chrysene	Benzo [a] pyrene	2.4-Dinitrophenol	Dibenziahlanthracene / 12.5 6-	Dibenzanthracene	4.6-Dinitro-2-cresol / 2-Methyl-4.6-	dinitrophenol	1.3-Dichlorobenzene	Benzofalanthracene	3-Methyl-4-chlorophenol / 4-Chloro-3-		2 6-Dinitrotolump	N-Nithooding propositioning			Hexachtorocyctopentagrene	Isophorone	Acenaphthene	Diethyl phthalate	Di-n-butyl phthalate	Phenanthrene	Butylbenzyl phthalate	N-Nitrosodiphenylamine	Fluorene / 9H-Fluorene	Carbazole / 9H-Carbazole	Hexachlorobutadiene / Hexachloro-1.3-	butadiene	Pentachlorophenol	2.4.6-Trichlorophenol	2-Nitroaniline	2-Nitrophenol	Naphthalene / Tar camphor	2 Moth.: 1 1 1
g Date Range: 01-JAN-75				131-11-5	132-04-9	1610-18-0		191-24-2	193-39-5	205-99-2		0-77-700	0-11-007	6-80-707	208-96-8	218-01-9	50-32-8	51-28-5	53-70-3		534-52-1		541-73-1	56-55-3	59-50-7		606-20-2	421-44-7	67-73-1	7-27-22	5-15-11	78-59-1	83-32-9	84-66-2	84-74-2	85-01-8	85-68-7	86-30-6	86-73-7	86-74-8	87-68-3	}	87-86-5	88-06-2	88-74-4	88-75-5	91-20-3	01-57-K
Sampling		Anly. No.	RL 526/8-14 SMVZ/S																																													

^{* -} Analyte Description has been truncated. See Data Dictionary

Final Documentation Appendix Report Installation :Fort Allen, Puerto Rico (FN) File Type: CSD

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		1138 8 8 8 8 8 8 1 1 1 1 1 1 1 1 1 1 1 1	11 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
File Type: CSO ate Range: 01-JAN-75 28-JAN-97	Analyte Description	2-Chloronaphthalene 3,3'-Dichlorobenzidine o-Cresol / 2-Cresol / 2-Methylphenol 1,2-Dichlorobenzene 2-Chlorophenol 2,4,5-Trichlorophenol Nitrobenzene / Essence of mirbane / Oil of mirbane 3-Nitroaniline 4-Chlorophenyl phenyl ether 4-Chlorophenyl phenyl ether Unknown compound 537 Unknown compound 539 Unknown compound 554 Unknown compound 550 Unknown compound 551 Unknown compound 551 Unknown compound 614 Unknown compound 614 Unknown compound 615 Unknown compound 615 Unknown compound 615	Unknown compound 637 Gasoline range organics Diesel range organics Lead Selenium Thallium Hercury Antimory Araenic Beryllium Cadmium Aluminum Iron Magnesium Magneseium Magneseium Barium Chromium Chromium Copper
-	CAS No.	91-58-7 91-58-7 95-48-7 95-50-1 95-95-4 98-95-3	7439-92-1 7782-49-2 7782-49-2 7440-38-0 7440-41-7 7440-41-7 7440-41-7 7440-92-7 7440-92-7 7440-92-7 7440-93-3 7440-88-6
Sampling	Meth/ Matrix	SMV2/S	GRO /S DRO /S GPB1/S GSE1/S GTL1/S HGC1/S ICM1/S
•		RL 52678-14	52678-15
		18-NOV-96	18-NOV-96 RL 18-NOV-96 RL
	Depth	12.0	12.0
	Field Sample No.	B090112X	B090212X B090212X
		SB-09-01	SB-09-02
	Site Type	BORE	

^{* -} Analyte Description has been truncated. See Data Dictionary

Site Site
Type ID
---BORE SB-09-02

Final Documentation Appendix Report Installation :Fort Allen, Puerto Rico (FN) File Type: CSO Sampling Date Range: 01-JAN-75 28-JAN-97

EPA Data Quals																																														
Data Quals								•																																						
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Unit Meas	ออก	nec	000	nge	ออก	990	990	9911	300	מפס :	מפה מפת	ออก		ออก	990	990	UGG	990	990	997	0011	990	200	กดิด	990	990	DOU	9911	991		0011	กอก	nec	nee	990	990	990	ngg		990		DDN	ยยา	ngg	990	990
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	Vanadium	Zinc	Calcium	4-Nitroaniline	4-Nitrophenol	2,4-Dimethylphenol	p-Cresol / 4-Cresol / 4-Methylphenol	1 4-Dichlorohenzene		4-Cultoroani Line	Bis(2-chlorolsopropyl) ether	Phenol / Carbolic acid / Phenic acid	/ Phenylic acid / Phe*	Bis(2-chloroethyl) ether	Bis(2-chloroethoxy) methane	Bis(2-ethylhexyl) phthalate	Di-n-octvl phthalate	Hexachlorobenzene	Anthracene	1.2.4-Trichlorobenzene	2 Annich ononhonol	2,4-Dichtorophenot	ליידים וווירו סרסותפוופ	Benzo[def]phenanthrene / Pyrene	Dimethyl phthalate	Dibenzofuran	Benzo[ghi]perylene	Indeport 2.3-C. Dinyrene	Renzofhlflioranthene / 7 4-	Dona of Ligaranthono		ruoranthene	Benzo[k] fluoranthene	Acenaphthylene	Chrysene	Benzo [a] pyrene	2.4-Dinitrophenol	Dibenz[ah]anthracene / 1.2:5.6-	Dibenzanthracene	4.6-Dinitro-2-cresol / 2-Methyl-4.6-	dinitrophenol	1.3-Dichlorobenzene	Renzolalanthracene	3-Methyl-4-chlorophenol / 4-Chloro-3-	2,6-Dinitrotoluene	N-Nitrosodi-n-propylamine
CAS No.	7440-62-2	2440-66-6	7440-70-2	100-01-6	100-02-7	105-67-9	106-44-5	106-46-7	104-77-9	0-74-001	108-90-1	7-54-801		111-44-4	111-91-1	117-81-7	117-84-0	118-74-1	120-12-7	120-82-1	120-82-2	121-17-2	7-41-171	129-00-0	131-11-3	132-64-9	191-24-2	103-30-5	205-00-2	7 11 507	0 11 100	700-44-0	207-08-9	208-96-8	218-01-9	50-32-8	51-28-5	53-70-3		534-52-1		541-73-1	54-55-3	59-50-7	606-20-2	621-64-7
Meth/ Matrix	1CP1/S			SMV2/S																																										
Lab Anly. No.	RL 52678-15																																													
Sample Date	18-NOV-96																																													•
Depth	12.0																																													
Field Sample No.	B090212X																																													

* - Analyte Description has been truncated. See Data Dictionary

Final Documentation Appendix Report Installation :Fort Allen, Puerto Rico (FN) File Type: CSO 28-18M-07

	EPA Data Quals	
	Data Quals	
		08A 08A 08A 08A 08A 08A 08A 08A
ate Range: 01-JAN-75 28-JAN-97	Analyte Description	Hexachloroethane Hexachlorocyclopentadiene Isophorone Acenaphthene Diethyl phthalate Diethyl phthalate Diethyl phthalate Phenanthrene Butylbenzyl phthalate Phenanthrene Butylbenzyl phthalate Phenanthrene Butylbenzyl phthalate N-Nitrosodiphenylamine Fluorene / 9H-Fluorene Carbazole / 9H-Fluorene Z-Nitrophenol Naphthalene Z-Nitrophenol Naphthalene / Iar camphor Z-Nethylnaphthalene Z-Nitrophenol Naphthalene / Iar camphor Z-Nitrophenol Naphthalene / Iar camphor Z-Nitrophenol Nitrobenzene / Essence of mirbane Z-Chlorophenol Nitrobenzene / Essence of mirbane Z-Chlorophenol Nitrobenzene / Essence of mirbane Z-Chlorophenol Nitrobenzene / Essence of mirbane Z-Chlorophenyl phenyl ether Unknown compound 539 Unknown compound 549 Unknown compound 549 Unknown compound 549 Unknown compound 550 Unknown compound 550 Unknown compound 551 Unknown compound 656 Unknown compound 656 Unknown compound 651 Unknown compound 653 Unknown compound 653 Unknown compound 653 Unknown compound 653 Unknown compound 654 Unknown compound 654 Unknown compound 655 Unknown compound 654 Unknown compound 655 Unknown compound 654 Unknown compound 654
Date Range	CAS No.	83-32-9 84-72-1 77-47-4 78-59-1 83-32-9 84-74-2 85-01-8 85-01-8 85-30-0 91-57-6 91-57-6 91-57-6 95-50-1 95-57-8 95-50-1 96-95-3
Sampling D	Meth/ Matrix	SWS/S
	Lab Anly. No.	RL 52678-15
	Sample n Date	- f
		15.0
	Field Sample No.	B090212X
	Site 10	SB-09-02

^{* -} Analyte Description has been truncated. See Data Dictionary

Final Documentation Appendix Report Installation :Fort Allen, Puerto Rico (FN) File Type: CSO

28- IAN-07	V - NEO-03		
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EPA Data	Quals	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1																																																	
Data	Quals	! !																																																	
	Meas Codes		SA VE		UGG BV	V 20U	v 200	V 9911	> 200	7 220	NGG V	A 550	A 9911	> 200	-		UGG VB	v 25U	8A 550		> 200	> >	> 200	v 55U	V 050	V 55U	7 201	> 550) DGG V	> 550	N 000	V 59U	V 250	A 990	V 55U	V 55U	v 550	V 25U	V 250	V 55U		V 55U	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \				-	NGG V	V 55U	V 55U	NGG V
A.	Bo Conc		V	LT 4	2.55	.5	11	11.2			17 .2	2.4	101			23/00	37100	18500	614	38	11100			LT 1000	156	46.5	22.1	- 22	7.50	124	58.9	27000	LT .8			=	=		•	5		17 .33		•	cc. 11	•				1.33	LT .33
	Analyte Description		UNKNOWN compound 63/	Diesel range organics	Lead	Gasoline range organics	Selenium	Thefirm		A SECOL A	Antimony	Arsenic	Recollina	Codmitte			Iron	Magnesium	Manganese	Nickel	Dotassiim		Jan 1 Company	Sodium	Barium	Chromium	+ 1400	Copac	Copper	Vanadium	Zinc	Calcium	4-Nitroaniline	4-Nitrophenol	2.4-Dimethylphenol	p-Cresol / 4-Cresol / 4-Methylphenol		4-Chloroaniline	Bis(2-chloroisopropyl) ether	Phenol / Carbolic acid / Phenic acid	/ Phenylic acid / Phe*	Bis(2-chloroethyl) ether	Ris(2-chloroethoxy) methane		Bis(2-ethylnexyl) puthalate	Di-n-octyl phthalate	Hexachlorobenzene	Anthracene	1,2,4-Trichlorobenzene	2,4-Dichlorophenol	2,4-Dinitrotoluene
	CAS No.				7439-92-1		7782-49-2	7440-28-D	7 20 02/2	0-14-40+1	7440-36-0	7440-38-2	7-17-077	0-27-0772	7/20-00-6	C-04-42+1	7439-89-6	7439-95-4	7439-96-5	7440-02-0	2,40-00-7	7-66-07/2	4-22-044/	7440-23-5	7440-39-3	2440-47-3	7/40-78-7	101011	8-06-0447	7440-62-2	9-99-0552	7440-70-2	100-01-6	100-02-7	105-67-9	106-44-5	106-46-7	106-47-8	108-60-1	108-95-2		111-44-4	111-91-1	117 01 7	J-10-JI	117-84-0	118-74-1	120-12-7	120-82-1	120-83-2	121-14-2
Meth/	Matrix	37 C/M3	SMVC/S	DRO /S	GPB1/S	GRO /S	GSE1/S	CT1 1/C	2,500	חפרו/ פ	ICM1/S				37 1001	1071/3																	SMV2/S																		
Lab	Lab Anly. No.			RL 52678-05																																															
Sample	Date	10 107 04	04-VUN-01	18-NOV-96																																															
	Depth	,	2.0	12.0																																															
Field	Sample No.	VC10000	DOYOR 12A	B090512X							,																																								
٠,	2	2		SB-09-03																																															
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^{* -} Analyte Description has been truncated. See Data Dictionary

Final Documentation Appendix Report Installation :Fort Allen, Puerto Rico (FN) File Type: CSO Sampling Date Range: 01-JAN-75

Sample Depth Date

Field Sample No.

Site Site
Type ID
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BORE SB-09-03

EPA Data																																													
Data	0 000																																												
Unit Flag	2000 2000			> 290	7 2911	> 99n	> 550 0		V 200	> 990	7 990	> 55U	A 550	A 550	A 550		N 990				> 990		> 550 O	> 990	> 990	A 990	> 550	_		> 99n					> 990	A 550		A 550	> 990 0	> 990	A 590				A 990
F. Co.	2 :					.5			11 .33	11.5	11 .33	11 .33	LT .33		9. 11		1.1			_	. LT .33		1.33					11 .33						11 .33	ב	ב			LT .33	LT .8		11 .33		17 .33	
Analyte Description		Benzoldeflichenanthrene / Pyrene	Dimethyl phthalate	Dibenzofuran	Benzo [ahi] perviene	Indeno[1,2,3-C,0]pyrene	Benzo[b] fluoranthene / 3,4-	Benzofluoranthene	Fluoranthene	Benzo [k] fluoranthene	Acenaphthylene	Chrysene	Benzo [a] pyrene	2,4-Dinitrophenol	Dibenz [ah] anthracene / 1,2:5,6-	Dibenzanthracene	4,6-Dinitro-2-cresol / 2-Methyl-4,6-	A Marie Control of the Control of th	1,3-Uichtoroenzene	Benzo (a) anthracene	5-Methyl-4-chlorophenol / 4-Chloro-3-	cresol / 4-Chloro-3-m*	2,6-Dinitrotoluene	N-Witrosodi-n-propylamine	Hexachloroethane	Mexachlorocyclopentadiene	Isophorone	Acenaphthene	Diethyl phthalate	Di-n-butyl phthelete	Phenanthrene	Butylbenzyl phthalate	N-Nitrosodiphenylamine	Fluorene / 9K-Fluorene	Carbazole / 9M-Carbazole	Hexachlorobutadiene / Hexachloro-1,3-	butadiene	Pentachlorophenol	2,4,6-Trichlorophenol	2-Nitrogniline	2-Nitrophenol	Naphthalene / Tar camphor	2-Methylnaphthalene	2-Chloronaphthalene	3,3'-Dichlorobenzidine
Meth/ No. Matrix CAS No.		S		132-64-9	191-24-2	193-39-5	202-99-2		206-44-0	207-08-9	208-96-8	218-01-9	50-32-8	51-28-5	53-70-3		534-52-1	1-22-175	- C	2.00-00	J-06-AC		2-02-909	621-64-7	67-72-1	4-14-11	78-59-1	83-32-9	84-66-2	84-74-2	85-01-8	85-68-7	9-05-90	86-73-7	8-1/-98	87-68-3		87-86-5	88-06-2	9-74-8	88-73-5	91-20-3	91-57-6	91-58-7	91-94-1
Lab Ariv. No.		RL 52678-05																																											

* - Analyte Description has been truncated. See Data Dictionary

28-JAN-97

Final Documentation Appendix Report Installation :Fort Allen, Puerto Rico (FN) File Type: CSO Sampling Date Range: 01-JAN-75

	EPA Data	unais																																												
	Data	Siena																																												
	Unit Flag	meas codes	>	V 55U	V 22U	V 25U	V 250		v 55U	v 550	> > 991	> 250	UGG VB	_			UGG VBD		NGG V	UGG BV	V DDU	N 990	NGG V	NGG V	v 55U	v 55U	NGG V	NGG V		-		UGG VB	NGG V	NGG V		V DBU		A 550	A 550	V 25U	V 55U				V 55U	V 59U
	Me Do Cono					17.8	17 .33		.1 .8	11.33				, -,	7	9	٣.	_	LT 4	2.37	LT .5	111	LT 2	LT .2	LT 1	LT 5	LT 1	11	29300	44300	16700	1880		LT 1000		LT 1000	401	31.5	26.2	7.67	162	61.1	42900		L1 .8	
Sampling Date Range: 01-JAN-75 28-JAN-97	Analyte Description	אומיל לפ ספטרו וארוסו	o-Cresol / 2-Cresol / 2-Methylphenol	1,2-Dichlorobenzene	2-Chlorophenol	2,4,5-Trichlorophenol	Nitrobenzene / Essence of mirbane /	Oil of mirbane	3-Nitroaniline	4-Bromophenyl phenyl ether	4-Chlorophenyl phenyl ether		Unknown compound 539					Unknown compound 637	Diesel range organics	Lead	Gasoline range organics	Selenium	Thattium	Mercury	Antimony	Arsenic	Beryllium	Cadmium	Aluminum	Iron	Magnesium	Manganese	Nickel	Potassium	Silver	Sodium	Barium	Chromium	Cobalt	Copper	Vanadium	Zinc	Calcium	4-Nitroaniline	4-Nitrophenol	2,4-Dimethylphenol
Date Range	CAS No.		95-48-7	95-50-1	95-57-8	95-95-4	98-95-3		99-09-2											7439-92-1		7782-49-2	7440-28-0	2439-97-6	7440-36-0	7440-38-2	7440-41-7	2440-43-9	7429-90-5	7439-89-6	7439-95-4	7439-96-5	7440-02-0	2440-09-7	7440-22-4	7440-23-5	7440-39-3	7440-47-3	7440-48-4	7440-50-8	7440-62-2	9-99-0552	7440-70-2	100-01-6	100-02-7	105-67-9
Sampling	Meth/	V	SMV2/S																DRO /S	GPB1/S	GRO /S	GSE1/S	GTL1/S	HGC1/S	ICM1/S				1CP1/S															SMV2/S		
	Lab Antv. No.																		52678-06																											
	de	1	RL																꿃																											
	Sample		18-NOV-96																18-NOV-96																										•	
	Depth		12.0																12.0																											
	Field Sample No.		B090312X																B090412X													-														
	Site ID	:	SB-09-03																SB-09-04																											
	Site Type		BORE																																											

* - Analyte Description has been truncated. See Data Dictionary

Final Documentation Appendix Report Installation :Fort Allen, Puerto Rico (FN) File Type: CSO

	EPA Data	Quals																																																
	Data	Quals																																																
	Flag			>	>	>	>	>		>	. >	> >	> >	• :	> :	>	>	>	>	>	>	>	· >	• >	• >	>	;	>	>	>	>	>	>	>		>		>	>	>		>	>	>	· >	. >	- >	• >	> >	•
	Guit	Meas		990	990	ออก	990	990		991	201		3 5	3 3	200	990	990	990	990	ออก	990	990	nee	999	3	3		390	990	990	990	990	990	990		550		990	990	990		990	990	990	991	991	99	991	990	3
		Conc	:	.33	.33	.33	.33	33	}	33	22	3 2		.;	2 :	5	33	33	33	33	33	33				c		.55	.	.33	33	.33	80	9.				.33	.33	33		.33	.33	.33	15		1		į	3
	£					5				1		: :		: :		֡֝֝֡֝֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֡֓֓֓֡֓֡֓֓֓֓֡֓֡֓֡֓֡֓		5		5		1			: :				-: -:		5					[1			-								: :			
: 01-JAN-75 28-JAN-97		Analyte Description		p-Cresol / 4-Cresol / 4-Methylphenol	1,4-Dichlorobenzene	4-Chloroaniline	Bis(2-chloroisopropyl) ether	Phenol / Carbolic acid / Phenic acid	/ Phenylic acid / Phe*	Bis(2-chloroethyl) ether	Rie(2-chioroethoxy) methans	Bio(2-othylhexyl) whethelete	Distributed by			Anthracene	1,2,4-Trichlorobenzene	2,4-Dichlorophenol	2,4-Dinitrotoluene	Benzo (def) phenanthrene / Pyrene	Dimethyl phthalate	Dibenzofuran	Benzo [ah i] Dervlene	Indeport 2 3-c Dinvene	Bertoff discentification 7 /	Benjodiusnamehane		ruorantnene	Benzo [k] fluoranthene	Acenaphthylene	Chrysene	Benzo (a) pyrene	2,4-Dinitrophenol	Dibenz (ah) anthracene / 1,2:5,6-	Dibenzanthracene	4,6-Dinitro-2-cresol / 2-Methyl-4,6-	dinitrophenol	1,3-Dichlorobenzene	Benzo [a] anthracene	3-Nethyl-4-chlorophenol / 4-Chloro-3-	cresol / 4-Chloro-3-m*	2,6-Dinitrotoluene	N-Nitrosodi-n-propylamine	Hexachloroethane	Hexachlorocyclopentadiene	Isomborone	Acenarhthene	Diethyl rhthelate	Di-n-fut/ phthalate	
Date Range:		CAS No.		106-44-5	106-46-7	106-47-8	108-60-1	108-95-2		111-44-4	111-01-1	117-81-7	117-84-0	110-7/-		7-21-021	1-28-021	120-83-2	121-14-2	129-00-0	131-11-3	132-64-9	191-24-2	103-30-5	205-00-2	7-44-507	0 // /00	0-44-002	507-08-9	208-96-8	218-01-9	50-32-8	51-28-5	53-70-3		534-52-1	!	541-73-1	56-55-3	59-50-7		606-20-2	621-64-7	67-72-1	7-17-11	78-50-1	83-32-0	6-66-2	84-74-2	!
Sampling	Meth/	Matrix		SHV2/S																																														
	reb	Lab Anty. No.	:	RL 52678-06																																														
	Sample	Date		96-AON-81																																														
		Depth		12.0																																														
	Field	Sample No.		X2140408																																														
		2	5																																															
	Site	Zy e	1000																																															

* - Analyte Description has been truncated. See Data Dictionary

Final Documentation Appendix Report Installation :Fort Allen, Puerto Rico (FN) File Type: CSO Sampling Date Range: 01-JAN-75 28-JAN-97

EPA Data	Quals																																													
Data	quats																																													
	Meas Codes	V 55U	V 200	V 25U	A 550	V 55U	A 550		v 550	, A 550	V 55U	V 25U	v 550	V 55U	V 55U	V 55U	V 22U	A 550	> 99n	> 550 000	> 550		A 550	N 090	A 550	UGG VB	UGG VB		UGG VB		UGG VB	V DDU	UGG BV	NGG V	V 55U	A 550	A 550	v 55U	A 550	V 55U	V 99U	NGG VB	UGG VB	NGG V	NGG VB	
æ æ	BO CONC					_	- LT .33		LT .8	LT .33	LT .8	_	•	LT .33	LT .33	LT .8	LT .33	LT .33	LT .33		LT .33		LT .8		LT .33	2	8 E -2	٣.	7	4.		LT 4	2.98	LT .5	LT 1	17 2	17 .2	LT .2	1.54	.437	LT .2	35700	46500	20400	1961	
Analyte Description	יייייייייייייייייייייייייייייייייייייי	Phenanthrene	Butylbenzyl phthalate	N-Nitrosodiphenylamine	Fluorene / 9M-Fluorene	Carbazole / 9M-Carbazole	Hexachlorobutadiene / Hexachloro-1,3	butadiene	Pentachlorophenol	2,4,6-Trichlorophenol	2-Nitroaniline	2-Nitrophenol	Naphthalene / Tar camphor	2-Methylnaphthalene	2-Chloronaphthalene	3,3'-Dichlorobenzidine	o-Cresol / 2-Cresol / 2-Methylphenol	1,2-Dichlorobenzene	2-Chlorophenol	2,4,5-Trichlorophenol	Nitrobenzene / Essence of mirbane /	Oil of mirbane	3-Nitroaniline	4-Bromophenyl phenyl ether	4-Chlorophenyl phenyl ether		compound	Unknown compound 615	Unknown compound 623		Unknown compound 637	Diesel range organics	Lead	Gasoline range organics	Selenium	Thallium	Mercury	Antimony	Arsenic	Beryllium	Cadmium	Aluminum	Iron	Magnesium	Manganese	
CAS NO		85-01-8	85-68-7	86-30-6	86-73-7	86-74-8	87-68-3		87-86-5	88-06-2	88-74-4	88-75-5	91-20-3	91-57-6	91-58-7	91-94-1	95-48-7	95-50-1	95-57-8	95-95-4	98-95-3	•	2-60-66										7459-92-1		7782-49-2	7440-28-0	7439-97-6	7440-36-0	7440-38-2	7440-41-7	7440-43-9	7429-90-5	7439-89-6	7439-93-4	6-04-46-7	
Meth/		SMV2/S																														DRO /S	GPB1/S	GRO /S	GSE1/S			ICM1/S				ICP1/S				
Lab Anly, No.		52678-06																													20 0120	279/8-03														See Data Dictionary
Lab	1 :	됩																													i	7														Data
Sample		18-NOV-96																													10 11011 04	0K-NON-KI														
Depth		12.0																														0.2														en trun
Field Sample No.		B090412X																													DM00112V	DHYO! ICA														iption has be
e Site		E SB-09-04																													SR-MO-01	0 20 00														* - Analyte Description has been truncated.
Site Type		BOR																																												*

^{* -} Analyte Description has been truncated. See Data Dictionary

Site Site
Type ID
....
BORE SB-M9-01

Final Documentation Appendix Report Installation :Fort Allen, Puerto Rico (FN) File Type: CSO 28-18N-07

;						•			:		;			
Sample No. De	Depth	Sample	Lab	Lab Anly. No.	_		CAS No.	Analyte Description	₩ 8	Me Bo Conc	Meas	t flag s Codes	Data Quals	EPA Data Quals
	. ;	-	;						:					
BM90112X 1	12.0	19-NOV-96	Z	52678-03	03 1CP1/S		7440-02-0	Nickel		33.7	990	>		
						-	2-60-057	Potassium		3190	990	>		
							440-22-4	Silver	ב	2	990	>		
						,~	7440-23-5	Sodium		4520	990	>		
							7440-39-3			8	090	>		
							2-27-0772	Chromium		2.07	990	>		
						_	7-87-0772	Cobalt		20.8	990	· >		
							2440-50-8	Corner			166	· >		
							2-69-0772	Vanadim		148	166	• >		
						- 1	7-77-0772			0 0		• >		
							2-02-0772			38200	99	• >		
					SAVOVA		100-01-6	4-Witnessiline			991	• >		
					-		00-02-7	4-Witrochenol	: -	. «	200	• >		
						•	105-67-0	2 4-Dimethylphanol	: :	. =		• >		
						•	4-10-COL		: ב			> >		
						- •	0-44-00	p-riesol / 4-riesol / 4-metuyibuenol	: :	;:	3 3	> :		
						•	7-04-001	1,4-UICHIOLOBENZENE	: !	٠ :		> :		
						_ '	8-74-90	4-Chioroaniiine	֡֞֞֝֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֡֓֓֓֓֓֡֓֓֓֡	55.	300	> 1		
							108-60-1	Bis(2-chloroisopropyl) ether	=	.33	990	>		
							108-95-2	Phenol / Carbolic acid / Phenic acid	ב	.33	990	>		
								/ Phenylic acid / Phe*						
						_	111-44-4	Bis(2-chloroethyl) ether	5	.33	990	>		
						_	111-91-1	Bis(2-chloroethoxy) methane	ב	.33	000	>		
						-	117-81-7	Bis(2-ethylhexyl) phthalate	ב	.33	990	>		
						_	117-84-0	Di-n-octyl phthalate	ב	ς.	990	>		
						_	118-74-1	Nexachlorobenzene	-	.33	250	>		
						_	120-12-7	Anthracene	5	.33	990	>		
						_	120-82-1	1,2,4-Trichlorobenzene	ב	.33	990	>		
						_	120-83-2	2,4-Dichlorophenol	ב	.33	990	>		
						_	121-14-2	2,4-Dinitrotoluene	ב	.33	990	>		
						_	129-00-0	Benzo[def]phenanthrene / Pyrene	ב	.33	990	>		
						_	131-11-3	Dimethyl phthalate	ב	.33	990	>		
						_	132-64-9	Dibenzofuran	=	.33	990	>		
						_	191-24-2	Benzo [ghi] perylene	ב	9.	990	>		
						_	193-39-5	Indeno[1,2,3-C,D]pyrene	ב	5.	990	>		
						74	05-99-2	Benzo [b] fluoranthene / 3,4-	5	.33	990	>		
								Benzofluoranthene						
						. W	206-44-0	Fluoranthene		.33	990	>		
						14	207-08-9	Benzo [k] fluorenthene	-	'n.	990	>		
						14	208-96-8	Acenaphthylene		.33	990	>		
						14	18-01-9	Chrysene	ב	.33	990	>		
							50-32-8	Benzo [a] pyrene	ב	.33	997	>		
						<u></u>	51-28-5	2,4-Dinitrophenol	-	€.	990	>		
						~	3-70-3	Dibenz[ah]anthracene / 1,2:5,6-	-	9.	990	>		
								Dibenzanthracene						

* - Analyte Description has been truncated. See Data Dictionary

Field Sample Sample Sample No. Depth Date Date No. 12.0 19-NOV-96

Site Site
Type ID

Final Documentation Appendix Report Installation :Fort Allen, Puerto Rico (FN) File Type: CSO Sampling Date Range: 01-JAN-75

	Sul John S	g pare naige: OI-uan-12	10 NVP 03					
Lab	Meth/	:		¥ e		Flag	Data	EPA Data
Lab Anly. No.	Matrix	CAS NO.	Analyte Description	Bo Conc	areas	Codes	ana s	Muats
	S/C/MS	534-52-1	4 K-Dinitro-2-cresol / 2-Mathyl-4 K-	-1		>		
			dinitrophenol					
		541-73-1	1,3-Dichlorobenzene			>		
		56-55-3	Benzo [a] anthracene	LT .33		>		
		29-50-7	3-Methyl-4-chlorophenol / 4-Chloro-3-	LT .33	990	>		
			cresol / 4-Chloro-3-m*					
		606-20-2	2,6-Dinitrotoluene		99n	>		
		621-64-7	N-Nitrosodi-n-propylamine		DOU	>		
		67-72-1	Hexachloroethane		990	>		
		7-47-6	Hexachlorocyclopentadiene	LT .33	DOC	>		
		78-59-1	Isophorone		990	>		
		83-32-9	Acenaphthene			>		
		84-66-2	Diethyl phthalate			>		
		84-74-2	Di-n-butyl phthalate			>		
		85-01-8	Phenanthrene			>		
		85-68-7	Butylbenzyl phthalate	LT .33		>		
		86-30-6	N-Nitrosodiphenylamine			>		
		86-73-7	Fluorene / 9M-Fluorene	LT .33		>		
		86-74-8	Carbazole / 9M-Carbazole			>		
		87-68-3	Hexachlorobutadiene / Hexachloro-1,3-			>		
			butadiene					
		87-86-5	Pentachlorophenol	LT .8	990	>		
		88-06-2	2,4,6-Trichlorophenol		990	>		
		88-74-4	2-Witroaniline		990	>		
		88-75-5	2-Nitrophenol		990	>		
		91-20-3	Naphthalene / Tar camphor			>		
		91-57-6	2-Methylnaphthalene			>		
		91-58-7	2-Chloronaphthalene	LT .33	ออก	>		
		91-94-1	3,3'-Dichlorobenzidine			>		
		2-48-5	o-Cresol / 2-Cresol / 2-Methylphenol		กิดด	> :		
		95-50-1	1,2-Dichlorobenzene			>		
		95-57-8	2-Chlorophenol		ออก	> :		
		95-95-4	2,4,5-Trichlorophenol	æ:		> :		
		98-95-3	Nitrobenzene / Essence of mirbane /			>		
		00-00	W-N°+noon'l'm		2011	>		
		7-40-44	2-Nicrosticine		990	> >		
			4-Broncheny preny errer		990	> >		
					990	· >		
			Unknown compound 539			ΛB		
				-	990	VB		
				۲.		٧B		
				.5		78		
			Unknown compound 615	9.	nec	8		

* - Analyte Description has been truncated. See Data Dictionary

Final Documentation Appendix Report Installation :fort Allen, Puerto Rico (FN) File Type: CSO 28-JAN-07

	_		080 090 080 090		A 990	A9 990	> 250 250	v 25U	V 00U	A 550) nee	A 990	A 200					> 050	> DGG >	A 550	> 99n	> 250	> 950 7	A 990	A 590	A 290	> 250 200	> 550 > 550	A 550	A 590	^ 99n	^ 55U	N 59N		A 295		^ 33H
			.5 9 E -2		LT 4	2.45 LT .5			LT .2	- 11	۲۱ ک		27100	31400	18400	956	20.3		LT 2	4880	39.	14.8	9.09	122	51.9					LT .33			5	:	 		
ate Range: 01-JAN-75 28-JAN-97	Analyte Description	Unknown compound 623	Unknown compound 630 Unknown compound 637	Unknown compound 664	Diesel range organics	Gasoline range organics	Selenium	Thettium	Mercury	Antimony			Atuninum	Iron	Magnesium	Manganese	Nickel	Potassium	STIVE	Sodium		Cobalt	Copper	Vanedium	71nc	4-Witnessiline	4-Nitrophenol	2,4-Dimethylphenol	p-Cresol / 4-Cresol / 4-Methylphenol	1,4-Dichlorobenzene	4-Chloroaniline	Bis(2-chloroisopropyl) ether	Phenol / Carbolic acid / Phenic acid	Prenylic acid / Frem	Bis(2-chioroethoxy) methans	Since the short beauty the beauty	B18(2-ethylnexyl) Duthalate
Date Range:	CAS No.	; ; ;			7440-02-1	7	7782-49-2	7440-28-0	7439-97-6	7440-36-0	7,440-30-2	6-67-0772	7429-90-5	7439-89-6	7439-95-4	7439-96-5	7440-02-0	7-60-09-7	7440-22-4	7440-63-5	7440-59-5	7440-48-4	7440-50-8	7440-62-2	7440-00-0	100-01-6	100-02-7	105-67-9	106-44-5	106-46-7	106-47-8	108-60-1	108-95-2	111-66-6	111-91-1	117-01-7	7-10-71
Sampling D	Meth/ Matrix	SMV2/S			GPR1/S	GRO /S	GSE1/S	GTL1/S	HGC1/S	ICM1/S			ICP1/S													SHV2/S											
•	Lab Lab Anly. No.	52678-03		70 00000	2018-04																																
	Lab /			i	×																																
	Sample	19-NOV-96		70 11011	04-A04-61																																
	Depth	12.0			2																																
	Field Sample No.	BM90112X		VC010108	V 2010111																																
	Site	SB-M9-01		CB-DH-01	5																																

* - Analyte Description has been truncated. See Data Dictionary

Final Documentation Appendix Report Installation :Fort Allen, Puerto Rico (FN) File Type: CSO Sampling Date Range: 01-JAN-75 28-JAN-97

								•					
Site	Site	Field	1410	Sample		Lab	Meth/	:		æ		Data	EPA Data
-	•	Sample NO.	nebru .	יייייי	CBJ	Lab Anty. No.	Matrix	CAS NO.	Analyte Description			Quals	Quals
RORF	SR-PH-01	RDH0107X	7.0	10-101-05		E3470 07	0/ (/)	4 04 004				1	
		COLOR		DK-AON-KI		25070-04	SMVZ/S	1-71-071	Anthracene		V 220		
								120-82-1	1,2,4-Trichlorobenzene		NGG V		
								120-83-2	2,4-Dichlorophenol	LT .33	v 55U		
								121-14-2	2,4-Dinitrotoluene		V 200		
								129-00-0	Benzo[def]phenanthrene / Pyrene	17 .33	v 550		
								131-11-3	Dimethyl phthalate				
								122-64-0	Dibonochinon	22	> 2		
								20, 20, 20, 20, 20, 20, 20, 20, 20, 20,					
								7-47-161	Renzo [gn 1] pery lene	9. 17	N 550		
								193-39-5	Indeno[1,2,3-C,D]pyrene		NGG V		
								205-99-2	Benzo[b]fluoranthene / 3.4-	17 .33	V 200		
									Benzofluoranthene				
								0-77-906	Flioresthone				
								204-007	ב רמסו מגורוופום	•	066 V		
								K-00-107	Benzo [K] tluoranthene		> 550 OGG >		
								208-96-8	Acenaphthylene	LT .33	NGG V		
								218-01-9	Chrysene		> 99H		
								50-32-R	Renzofalnyrene		> 201		
								51-28-5	2 /-Dinitrophone		> 200		
								2 02 23	S.t-Diffici options	٠.	7 200		
								C-0/-CC	Ulbenzlanjanthracene / 1,2:5,6-	9. 1.	NGG V		
									Dibenzanthracene				
								534-52-1	4,6-Dinitro-2-cresol / 2-Methyl-4,6-	11	A 000		
									dinitrophenol				
								541-73-1	1.3-Dichlorobenzene	17 .33	A 9911		
								56-55-3	Renzolalanthracene		> > 990		
								50-E0-7	Z-Mother / Otherstein 2				
								1-00-60	greenyl-4-chiorophenol / 4-chioro-3-	_	V 550		
									C. esot / 4-cutolo-3-m-				
								2-02-909	2,6-Dinitrotoluene		NGG V		
								621-64-7	N-Nitrosodi-n-propylamine	LT .33	V 000		
								67-72-1	Hexachloroethane	11 .33	^ 55N		
								72-55-9	2,2-Bis(p-chlorophenyl)-1,1-	.12	NGG VS		
									dichloroethene				
								7-27-22	Hexach lorocycl opentadiene	77 11	١١٥ -		
								78-50-1	Teophorope	22	> 2		
								02.20			> 500		
								6-20-00	Acenaphrhene		> 990		
								84-99-5	Diethyl phthalate		NGG V		
								84-74-2	Di-n-butyl phthalate		V 55U		
								85-01-8	Phenanthrene		V 59U		
							,	85-68-7	Butylbenzyl phthalate	11 .33	^ 99n		
								86-30-6	M-Witrocodinhenviewine		> >		
								2 25 20			> 500		
								7-12-00	rinorene / yn-rinorene		NGG V		
								8-4/-98	Carbazole / 9H-Carbazole	•	7 000		
							_	87-68-3	Hexachlorobutadiene / Hexachloro-1,3-	LT .33	A 550		
									butadiene				
							,	87-86-5	Pentachlorophenol		V 55U		
								88-06-2	2,4,6-Trichlorophenol		v 55U		
4													
ď.	nalyte Descr	" - Analyte Description has been truncated.	en trunc		Data D	See Data Dictionary							

^{* -} Analyte Description has been truncated. See Data Dictionary

Final Documentation Appendix Report Installation :Fort Allen, Puerto Rico (FN) File Type: CSO 28-JAN-97

						•		The same and the s						
۵.	Site	Field				Lab	Meth/			Me.	Unit F	Flag	Data	EPA Data
	9	Sample No.	Depth	Date	Lab	Lab Anly. No.	Matrix	CAS No.	Analyte Description		Meas C		Quals	Quats
					:								:	
	SB-PH-01	8PH0107X			귍	52678-04	SMV2/S	88-74-4	2-Nitroaniline		990			
								88-75-5	2-Nitrophenol		> 990			
								91-20-3	Waphthalene / Tar camphor	11 .33	> 99n			
								91-57-6	2-Methylnaphthalene		7 990	_		
								91-58-7	2-Chloronaphthalene		7 990			
								91-94-1	3,3'-Dichlorobenzidine		7 290			
								95-48-7	o-Cresol / 2-Cresol / 2-Methylphenol		7 990			
								95-50-1	1,2-Dichlorobenzene		7 990	_		
								95-57-8	2-Chlorophenol		7 550			
								95-95-4	2,4,5-Trichtorophenol	1.8	7 250	_		
								98-95-3	Nitrobenzene / Essence of mirbane /		7 990			
									Oil of mirbane					
								99-09-2	3-Nitrogniline	LT .8	7 550	_		
									4-Bromophenyl phenyl ether	LT .33	_			
									4-Chlorophenyl phenyl ether	11 .33	_			
									Unknown compound 539	7	_	84		
									Unknown compound 548	-	7 550			
									Unknown compound 551	-	_	90		
									Unknown compound 556	-	-			
									Unknown compound 606	.2	7 550	20		
									Unknown compound 614	~:	_	g a		
									Unknown compound 615	۲.	_	20		
									compound	'n	-	20		
										r:		2		
									Unknown compound 632			84		
									Unknown compound 637	_		g 0		
									Unknown compound 660	4.	> 290			

Records Found ** ** End of Report - 804

GROUNDWATER

ABB Environmental Services, Inc.

W001976APP 9890-05

Final Documentation Appendix Report
Installation :Fort Allen, Puerto Rico (FN)
File Type: CGW

	Data EPA Data Quals Quals																																		
	Flag	ner ner	ner	T _O n	חפר	ner	ner	ner	UGL	ner	NGL	ner n	ner	ner	UGL	ner	ner	ner	Net	NGL	ner	ner	ner	Ner	ner ner	חפר	UGL	ngr	ner	UGL	ner	תפר	ner	UGL	
	-	LT 100		LT 10	LT 5	LT 10	11 .2	LT 1	LT 5	1 1	11 1	LT 200		21800	LT 15		LT 5000		62100	LT 200		LT 50	LT 25		LT 20	_	•	•	LT 10	5	5	•		LT 10	
01-JAN-75 15-JAN-97	Analyte Description	Diesel range organics	Lead	Gasoline range organics	Selenium	Thallium	Mercury	Antimony	Arsenic	Beryllium	Cadmium	Aluminum	Iron	Magnesium	Manganese	Nickel	Potassium	Silver	Sodium	Barium	Chromium	Cobalt	Copper	Vanadium	Zinc	Calcium	4-Nitroaniline	4-Nitrophenol	henol	p-Cresol / 4-Cresol / 4-Methylphenol	1,4-Dichlorobenzene	4-Chloroaniline	Bis(2-chloroisopropyl) ether	Phenol / Carbolic acid / Phenic acid	/ Obcassion of action / Obcas
ng Date Range: 01-JAN-75	/ × CAS No.	. 3	W 7439-92-1	3					7440-38-2	7-14-0447	6-27-0772		7439-89-6	7439-95-4	2-96-657	7440-02-0	2-60-0552	7440-22-4	7440-23-5	7440-39-3	7440-47-3	7440-48-4	2440-50-8	7440-62-2	2440-66-6			100-02-7	105-67-9	106-44-5	106-46-7	106-47-8	108-60-1	108-95-2	
Sampling	_	DRO /	GPB1/W	GRO /	GSE1/I	GTL 1//	HGC1/	ICM1/				1CP2/W															SMV1/W								
		RL 52856-01																																	
	••	0 04-DEC-96																																	
	o. Depth																																		
	Field Sample No.	M030126X																																	
	Site ID	MW-03-01																																	

2,4-Dichlorophenol 2,4-Dinitrotoluene Benzoldeflphenanthrene / Pyrene

1,2,4-Trichlorobenzene

Anthracene

111-44-4 111-91-1 117-81-7 117-84-0 118-74-1 120-82-1 120-83-2 121-14-2 129-00-0

Bis(2-chloroisopropyl) ether Phenol / Carbolic acid / Phenic acid / Phenylic acid / Phe* Bis(2-chloroethyl) ether Bis(2-chloroethoxy) methane Bis(2-ethylhexyl) phthalate Di-n-octyl phthalate

^{* -} Analyte Description has been truncated. See Data Dictionary

Final Documentation Appendix Report Installation :Fort Allen, Puerto Rico (FN) File Type: CGW 15-JAN-97

EPA Data	Quals																																																		
Data	Quals																																																		
Unit Flag	Meas Codes		UGL	ner	ner	195	191	J. C.		T9n	UGL	ner	ign		30.	1 2	חפר		UGL		UGL	ner	1911		•	UGL	ner	UGL	UGL	ner	191	3 3	3 3	1 5	100	300	190	ner	UGL	UGL		UGF	ner	190	3 3		תפר	บีอก	ner	Jon	กפר
He				17 10	17 10					LT 10		17 10	17						LT 25		LT 10		=	;		01	-		-			2 5		2 5		2 :				ב			17 10		1 1			11 10		LT 10	11 10
	Analyte Description		Dimethyl phthalate	Dibenzofuran	Benzo [ghi] perylene	Indenoff. 2.3-C. Dipyrene	Renzolhi flioranthana / 3 4-		Denzor (dorantnene	Fluoranthene	Benzo [k] fluoranthene	Acenaphthylene	Chrysene	Benzo[a]pvrene	2 /-Dinitonhone		Dipent langantmiacene / 1,2:5,0-	Dibenzanthracene	4,6-Dinitro-2-cresol / 2-Methyl-4,6-	dinitrophenol	1,3-Dichlorobenzene	Benzo (a) anthracene	3-Methyl-4-chlorophenol / 4-Chloro-3-	00000 / /-Chlone-7-mt	Cresol / 4-Chioro-3-m-	Z,b-Dinitrotoluene	N-Witrosodi-n-propylamine	Mexachloroethane	Hexachlorocyclopentadiene	Isophorone	Acenarhthene	Diethyl obthelete	District State of the state of	Dhenenthrene		butytoenzyt patnatate	M-Mitrosogipheny (amine	Fluorene / 94-Fluorene	Carbazole / 9M-Carbazole	Hexachlorobutadiene / Hexachloro-1,3-	butadiene	Pentachlorophenol	2,4,6-Trichlorophenol	2-Witroaniline	2-Witrophenol	Marketon and American	Maphithatene / lar camphor	2-Methylnaphthalene	2-Chloronaphthalene	5,5'-Dichlorobenzidine	o-Cresol / 2-Cresol / 2-Methylphenol
	CAS No.		131-11-3	132-64-9	191-24-2	193-39-5	205-00-2			0-44-907	207-08-9	208-96-8	218-01-9	50-32-8	51-28-5	52-70-2	6-01-66		534-52-1		541-73-1	56-55-3	59-50-7			7-07-000	2-49-129	67-72-1	77-47-4	78-59-1	83-32-0	84-66-2	6-72-78	85-01-8	2 2 3	7-00-60	0-20-00	20-73-7	8-74-8	87-68-3		87-86-5	88-06-2	88-74-4	88-75-5	200-20	21-50-3	9-76-16	7-28-16	1-96-16	95-48-7
Meth/	Matrix		SMV1/W																																																
Cab		:	RL 52856-01																																						•										
Sample	Date		04-DEC-96																																																
;	Depth		76.0																																																
Field	Sample No.		MUSULSOX																																																
Site	9		MW-03-01																																																
Site	ype		1																																																

* - Analyte Description has been truncated. See Data Dictionary

Final Documentation Appendix Report Installation :Fort Allen, Puerto Rico (FN) File Type: CGW

15-JAN-97	
01-JAN-75	
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EPA Data Quals	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1																																															
Data Quals	1															•																																
Unit Flag Meas Codes	ner	ngr	UGL	ner		NGL	190	3 3	i de	OGE	Jon		UGL		UGL	UGL		101	101	.066	UGL		NGL		UGL		191	1 2 1	191	100	100	ner	UGL	NGL	UGL 2	UGL	UGL	101	<u> </u>	35	Joe.	ner	UGL	NGL		NGL	Ner	กซา
	LT 10		LT 25	LT 10		LT 25				- :	- 1		1,		1 1	LT 5		111	- -	- ·	-		- 1	*	LT 1		11 1	<u>r</u>		***	_ :	L1 1	LT 1	111	LT 1	1 1	11				 _ !	- 1	L1 1	11		11 1	LT 15	LT 1
Analyte Description	1,2-Dichlorobenzene	2-Chlorophenol	2,4,5-Trichlorophenol	Nitrobenzene / Essence of mirbane /	Oil of mirbane .	3-Nitroaniline	4-Bromophenyl phenyl ether	4-Chlorophenyl phenyl ether	Ethyl hongon	Etily (Delizerie	Styrene / Ethenylbenzene / Styrol /	Styrolene / Cinnamene *	cis-1,3-Dichloropropylene / cis-1,3-	Dichloropropene	1,2-Dichloroethane	Methyl isobutyl ketone /	Isopropylacetone / 4-Methyl-2-pen*	Toluene	Chlorothonacon / Monoch onchor	Cilculateria / Monocilciopenzene	Undromochioromethane /	Chlorodibromomethane	Tetrachloroethylene /	Tetrachloroethene / Perchloroethylen*	1,2-Dichloroethylenes (cis and trans	isomers) / Acetylene *	Carbon tetrachloride	Methyl n-hutyl ketone / 2-Heyanone	Acetone		Chlorotorm	Benzene	1,1,1-Trichloroethane	Bromomethane	Chloromethane	Chloroethane	Vinyl chloride / Chloroethene	Methylene chloride / Dichloromethane	Carbon disulfide			Bromodichloromethane	1,1-Dichloroethane	1,1-Dichloroethylene / 1,1-	Dichloroethene		Methyl ethyl ketone / 2-Butanone	1,1,2-Trichloroethane
CAS No.	95-50-1	95-57-8	95-95-4	98-95-3		8-00-66			100-71-7	1 00	100-42-5		10061-01-5		107-06-2	108-10-1		108-88-3	108-00-7	1-04-001	1-04-47		127-18-4		540-59-0		56-23-5	501-78-6	67-64-1	2-77-27	21 (1)	1-43-2	71-55-6	74-83-9	74-87-3	75-00-3	75-01-4	75-09-2	75-15-0	75-25-2	2-63-61	4-J7-CJ	75-34-3	75-35-4		78-87-5	78-93-3	2-00-62
Meth/ Matrix	SMV1/W								VMC1 /LI	W / I CHA																																						
	RL 52856-01																																															
Sample Date	04-DEC-96																																													•	•	
Depth	26.0																																															
Field Sample No.	M030126X																																-															
	MW-03-01																																															
Site Type	WELL																																															

^{* -} Analyte Description has been truncated. See Data Dictionary

Final Documentation Appendix Report Installation : Fort Allen, Puerto Rico (FN) File Type: CGW

	EPA Data Quals																																								
	Data Quals																																								
	Unit Flag Meas Codes		JON	3	.	널	UGL	UGL	วี	ತ್ರ :	5	3 5	3 3	d =	를 등	าอก	UGL	ายก	UGL	UGL	년 C	J S	วี	ฮ	ฮี :	3	3 3	3 35	UGL C	ner	UGL	UG.	UGL	ner	Tgn	UGL		ਤ :	5	ਰ ਹ	UGL
	Me Bo Conc		111	111		250	LT 3	LT 10		LT 10	2. T.			: 5	6290	0202	14700	183						LT 10		22		51200	11 25			•	•		11 10	ב		LT 10			LT 10
File Type: CGW Date Range: 01-JAN-75	Analyte Description	Trichloroethylene /Trichloroethene /	Ethinyl trichloride //" Tetrachloroethane / 1,1,2,2-	<pre>ietrachloroethane / Acetylene * xvienes total combined</pre>	trans-1.3-Dichloropropene	Diesel range organics	Lead	Gasoline range organics	Selenium	Thailium	Mercury	Anthony		Cachairm	Atuminum	Iron	Magnesium	Hanganese	Nickel	Potassium	Silver	Sodium	Barium	Chromium	Cobalt	Copper	7 inc	Catcium	4-Nitroaniline	4-Nitrophenol	2,4-Dimethylphenol	p-Cresol / 4-Cresol / 4-Methylphenol	1,4-Dichlorobenzene	4-Chloroaniline	Bis(2-chloroisopropyl) ether	Phenol / Carbolic acid / Phenic acid	/ Phenylic acid / Phe*	Bis(2-chloroethyl) ether	Bis(2-chloroethoxy) methane	Bis(2-ethylhexyl) phthalate	Di-n-octyl phthalate
Date Range:	CAS No.	79-01-6	79-34-5				7439-92-1		7782-49-2	7440-28-0	7459-97-6	7440-30-0	7440-30-2	0-27-0772	7429-90-5	7439-89-6	7439-95-4	7439-96-5	7440-02-0	2-60-0572	7440-22-4	7440-23-5	7440-39-3	7440-47-3	7440-48-4	7440-50-8	7-79-044/	7440-70-2	100-01-6	100-02-7	105-67-9	106-44-5	106-46-7	106-47-8	108-60-1	108-95-2		111-44-4	1-19-111	117-81-7	117-84-0
Sampling	Meth/ Matrix	WAS1/W				DRO /W	GPB1/W	GRO /V	GSE1/N	GTL1/V	MGC1/V	#/IW3			1CP2/W														SHV1/II												
	Lab Anly. No.					RL 52856-02																																			
	Sample	04-DEC-96				22.0 04-DEC-96																																			
	Depth	26.0				22.0																																			
	Field Sample No.	M030126X				M030222X																																			
	Site 10	MW-03-01				MW-03-02																																			
	Site Type	HELL																																							

* - Analyte Description has been truncated. See Data Dictionary

15-JAN-97

Final Documentation Appendix Report Installation :Fort Allen, Puerto Rico (FN) File Type: CGW 15-JAN-97

Sample Depth Date 22.0 04-DEC-96

Field Sample No.

Site Site
Type ID
....
WELL MW-03-02

EPA Data Quals																																																		
Data Quals	;																																																	
Unit Flag Meas Codes	1911	1 2	191	3 3	100	ור ה הפר	ner	UGL	191	100	5	ner	NGF		2	50	750	UGL	ner	ner	1911	301	300	3	OGL		UGL	ner n	190	1911	3 3	OGF	OG.	UGL	UGL	ner	Ton	190	1911	35	י מפר מפר	UGL	ner	UGL	NGL		ner	Ten ner	ngr Ogr	
Me Bo Conc	11 10		11 10	-			LT 10			1 10		LT 10			17 10	2 5				LT 10		1 10			2			LT 10	LT 10	1T 10		_ •			-	LT 10	-	LT 10						•	LT 10				LT 25	
Analyte Description	Haxachlorohanzene	Anthracene	1.2.4-Trichlorobenzene	2 /- Dichlorophonol		Z,4-Dinitrototuene	Benzo[def]phenanthrene / Pyrene	Dimethyl phthalate	Dibenzofuran	Don't Thi I non't one	perizorgii 1 per y cene	Indeno[1,2,3-C,D]pyrene	Benzo [b] fluoranthene / 3,4-	Benzofluoranthene	Fluoranthene		Benzo [K] T Luorantnene	Acenaphthylene	Chrysene	Benzo [a] pyrene	2 4-Dinitrophenol	Dibany (ablanthracene / 12.5 6.	Dibonionthrocopo	/ /- Nimitan-3-resett / 3-weepul-/ /-	4,0-DIDITEO-2-CLESOL / 2-METHYL-4,0-	dinitrophenol	1,3-Dichlorobenzene	Benzo [a] anthracene	3-Methyl-4-chlorophenol / 4-Chloro-3-	2 A-Dinitrotoliane		N-N-I CLOSOCI -U-DOSOCI -U-N-N-N-	Hexachtoroethane	Hexachlorocyclopentadiene	Isophorone	Acenaphthene	Diethyl ohthalate	Di-n-butyl phthalate	Dhananthrana		bucytoenzyt purmatare	N-Nitrosodiphenylamine	Fluorene / 9M-Fluorene	Carbazole / 9M-Carbazole	Hexachlorobutadiene / Hexachloro-1,3-	butadiene	Pentachlorophenol	2 4.6-Trichlorophenol	2-Nitroaniline	
CAS No.	118-74-1	120-12-7	120-82-1	120-82-2	121 - 12 - 12 - 12 - 12 - 12 - 12 - 12	7-61-171	129-00-0	131-11-3	132-64-0	101-2/-2	7-47-141	193-39-5	205-99-2		0-77-906	201	4-90-102	208-96-8	218-01-9	50-32-8	51-28-5	53-70-3		627.63.4	1-26-466		541-73-1	56-55-3	59-50-7	6-06-20-2	777 777	/_+0_170	1-71-10	4-14-11	78-59-1	83-32-9	84-66-2	84-74-2	85-01-8	2 - 67 - 38	7-00-00	86-30-6	86-73-7	86-74-8	87-68-3		87-86-5	88-06-2	88-74-4	
Meth/ Matrix	SMV1/U																																																	
Lab Lab Anly. No.	RI 52856-02																																																	

* - Analyte Description has been truncated. See Data Dictionary

Final Documentation Appendix Report Installation :Fort Allen, Puerto Rico (FN) File Type: CGW

	N 345	A CONTRACTOR OF THE CONTRACTOR		Flag	ш
SMV1/W	LAS NO.	Analyte Description Bo	Conc	Meas Codes qu	quals quals
	88-75-5	2-Nitrophenol		ner	
•		Naphthalene / Tar camphor LT	5 5	를 등	
	91-58-7 2-ch	2-Chloromaphthalene		190	
		i.e		ign n	
		2-Methylphenol		ner	
0.		ızene		าอก	
			5	ner ner	
	95-95-4 2,4,			ฮี	
		Nitropenzene / Essence of Mirbane / Li		190	
	99-09-2 3-Ni	3-Wittonniline		3	
		ohenvi ether	12	3 3 3	
	to-4	_		150	
	Unkn			190	
	Unkn	Unknown compound 552	10	ner	
		Unknown compound 616	20	UGL	
WIST/W	100-41-4		-	ner	
_	100-42-5 Styre	Styrene / Ethenylbenzene / Styrol / LT	-	NGL	
	10061-01-5 cis-	cis-1,3-Dichloropropylene / cis-1,3- LT	 -	ner	
	107-04-2 1 2-r	Ulchloropene	•	3	
•		tone /	- 10	3 3	
		hvt-2-pen*			
_			-	UGF	
		lorobenzene	<u>-</u>	ner	
_	124-48-1 Dibre		-	UGL	
		Chlorodibromomethane			
_	127-18-4 Tetri	Tetrachloroethylene /	-	UGF	
•					
•	1-7'1 0-AC-04C	1,2-Dichiofoethylenes (cis and trans Li facmers) / Acetviene *	-	190	
•	_	Carbon tetrachloride	-	ner	
u n	591-78-6 Methy	e / 2-Hexanone	5	TON	
•			اد	חפר	
•	67-66-3 Chlor	Chloroform	-	190	
				101	
- 1	71-55-4	40000	- •		
- 1		or oe thank	- •	300	
- '			- 1	ו חפר	
	_	4	_	Jon	
	75-00-3 Chlo			ner ner	
		Vinyl chloride / Chloroethene	-	ner	
		Methylene chloride / Dichloromethane LT		ner	

* - Analyte Description has been truncated. See Data Dictionary

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Final Documentation Appendix Report Installation :Fort Allen, Puerto Rico (FN) File Type: CGW 15-JAN-97

	EPA Data	Quals													
	Data	Quals	-												
	Unit Flag	Meas Codes		UGL	NGL	NGL	NGL	NGL		UGL	ner	NGL	NGL		
	Æ	Bo Conc		LT 1	LT 1	11	LT 1	LT 1		11	LT 15	111	LT 1		
Date harge: 01-4AN-75		Analyte Description		Carbon disulfide	Bromoform	Bromodichloromethane	1,1-Dichloroethane	1,1-Dichloroethylene / 1,1-	Dichloroethene	1,2-Dichloropropane	Methyl ethyl ketone / 2-Butanone	1,1,2-Trichloroethane	Trichloroethylene /Trichloroethene /	Ethinyl trichloride /T*	
Date valide		CAS No.		75-15-0	75-25-2	75-27-4	75-34-3	75-35-4		78-87-5	78-93-3	2-00-62	79-01-6		
sampt ing	Meth/	Matrix		/MS1/W											
	Lab	Lab Anly. No.		RL 52856-02											
		Date	1 1 1 1 1	04-DEC-96											
		Depth		22.0											
	Field	Sample No.		M030222X											
	te	2		MW-03-02											
	S		•	₹											

79-34-5

M080120X

MW-08-01

.T 10 T 50 T 25 . 50 20 76800 2750 1600 20300 144 40 5000 10 63400 200 55555 こここ Tetrachloroethane / 1,1,2,2-Tetrachloroethane / Acetylene Unknown compound 249 Xylenes, total combined trans-1,3-Dichloropropene Gasoline range organics Diesel range organics 4-Nitroaniline Arsenic Beryllium Cadmium Aluminum Manganese Nickel Potassium Silver Hagnes i um Mercury Antimony Copper Vanadium hallium Selenium Chromium Calcium Sodium Barium Cobalt ron Lead Zinc 7782-49-2 7440-28-0 7439-97-6 7440-38-2 7440-43-9 7440-43-9 7440-43-9 7440-02-0 7440-22-4 7440-22-4 7440-22-4 7440-62-2 7440-62-2 7440-62-2 7440-62-2 740-62-2 740-62-2 740-62-2 740-62-2 7439-92-1 DRO /W GPB1/W GRO /W GSE1/W GTL1/W HGC1/W ICP2/W SMV1/W 52856-03 굺 20.0 03-DEC-96

* - Analyte Description has been truncated. See Data Dictionary

- 7

4-Nitrophenol 2,4-Dimethylphenol

Final Documentation Appendix Report Installation :Fort Allen, Puerto Rico (FN) File Type: CGW

15-JAN-97	
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	EPA Data Quals	1																																											
	Data Quals																																												
	Unit Flag Meas Codes		3 3	3 =	1 2	35		ฮก	UGF	Jon	חפר	J9N	UGL	ner	ายก	J D	J9N	T9N	Ten Cer	UGL	UGL	ner		T90	ฮ	P C	ign	ฮ	ner	UGF		ฮก		UGL	ฮ	J D		ฮูก	Jg N	Jon	Jon	Jon	ner	UGL	J90
	Me Bo Conc		1 2			17 10			11 10	LT 35				LT 10	11 10			11 10		LT 10				LT 10	1, 10			10		LT 10		LT 25			11 10	=		LT 10	-	-				LT 10	
Date Range: 01-JAN-75 15-JAN-97	Analyte Description	n-Crack / 4-Press / 4-Mathy hand		4-Chloroaniline	Ris(2-chloroisopropyl) ether	Phenol / Carbolic acid / Phenic acid	/ Phenylic acid / Phe*	Bis(2-chloroethyl) ether	Bis(2-chloroethoxy) methane	Bis(2-ethylhexyl) phthalate	Di-n-octyl phthalate	Hexachlorobenzene	Anthracene	1,2,4-Trichlorobenzene	2,4-Dichlorophenol	2,4-Dinitrotoluene	Benzo[def]phenanthrene / Pyrene	Dimethyl phthalate	Dibenzofuran	Benzo [ghi] pery lene	Indeno[1,2,3-C,D]pyrene	Benzo[b]fluoranthene / 3,4-	Benzofluoranthene	Fluoranthene	Benzo (k) fluoranthene	Acenaphthylene	Chrysene	Benzo [a] pyrene	2.4-Dinitrophenol	Dibenz[ah]anthracene / 1,2:5,6-	Dibenzanthracene	4,6-Dinitro-2-cresol / 2-Methyl-4,6-	dinitrophenol	1,3-Dichlorobenzene		3-Methyl-4-chlorophenol / 4-Chloro-3-	cresol / 4-Chloro-3-m*	2,6-Dinitrotoluene	N-Nitrosodi-n-propylamine	Hexachloroethane	Hexach lorocyclopentadiene	Isophorone	Acenaphthene	Diethyl phthalate	Di-n-butyl phthalate
	CAS No.	104-44-5	106-46-7	106-47-8	108-60-1	108-95-2		111-44-4	111-91-1	117-81-7	117-84-0	118-74-1	120-12-7	120-82-1	120-83-2	121-14-2	129-00-0	131-11-3	132-64-9	191-24-2	193-39-5	205-99-2		206-44-0	207-08-9	208-96-8	218-01-9	50-32-8	51-28-5	53-70-3		534-52-1		541-73-1	56-55-3	29-50-7		606-20-2	621-64-7	67-72-1	7-47-11	78-59-1	83-32-9	84-66-2	84-74-5
Sampling	Meth/ Matrix	CMV1/U	# / ·																																										
	Lab Anty. No.	F0.52856-03																																											
	Sample Date	03-DEC-96																																											
	Depth	200																																											
	Field Sample No.	MOSO120X																																											
	Site 10	MA-08-01																																											
	Site Type																																												

^{* -} Analyte Description has been truncated. See Data Dictionary

15-JAN-97

Final Documentation Appendix Report Installation :Fort Allen, Puerto Rico (FN) File Type: CGW 15-JAN-97

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Data Quals	:																																											
Unit Flag Meas Codes	ner	ner	ner	UGL	Ner	Ner		ner	ner	ner	ng r	NGL	Jon	NGL NGL	J _O	UGL	UGL	ner	JG.	UGL		NGL	UGL	UGL	UGL	ner		ner		UGL	NGF.		NGL	UGL	NGL		UGL		T90		ner	평 :	1 Jo	
	11 10	LT 10	LT 10	LT 10	ב	ב				LT 25										LT 10		_		LT 10		111		LT 1			LT 5		1.1	LT 1	LT 1		LT 1		111		11 1	5 1.2	17	
Analyte Description	Phenanthrene	Butylbenzyl phthalate	N-Nitrosodiphenylamine	Fluorene / 9M-Fluorene	Carbazole / 9M-Carbazole	Hexachlorobutadiene / Hexachloro-1,3-	butadiene	Pentachlorophenol	2,4,6-Trichlorophenol	2-Nitroaniline	2-Nitrophenol	Naphthalene / Tar camphor	2-Methylnaphthalene	2-Chloronaphthalene	3,3'-Dichlorobenzidine	o-Cresol / 2-Cresol / 2-Methylphenol	1,2-Dichlorobenzene	2-Chlorophenol	2,4,5-Trichlorophenol	Nitrobenzene / Essence of mirbane /	Oil of mirbane	3-Nitroaniline	4-Bromophenyl phenyl ether	4-Chlorophenyl phenyl ether	Ethylbenzene	Styrene / Ethenylbenzene / Styrol /	Styrolene / Cinnamene *	cis-1,3-Dichloropropylene / cis-1,3-	Dichloropropene	1,2-Dichloroethane	Methyl isobutyl ketone /	Isopropylacetone / 4-Methyl-2-pen*	Toluene	Chlorobenzene / Monochlorobenzene	Dibromochloromethane /	Chlorodibromomethane	Tetrachloroethylene /	Tetrachloroethene / Perchloroethylen*	1,2-Dichloroethylenes (cis and trans	isomers) / Acetylene *	Carbon tetrachloride	Methyl n-butyl ketone / 2-Hexanone	Chloroform	
CAS No.	85-01-8	85-68-7	86-30-6	86-73-7	8 14-8	87-68-3		87-86-5	88-06-2	88-74-4	88-75-5	91-20-3	91-57-6	91-58-7	91-94-1	95-48-7	95-50-1	95-57-8	95-95-4	98-95-3		2-60-66			100-41-4	100-42-5		10061-01-5		107-06-2	108-10-1		108-88-3	108-90-7	124-48-1		127-18-4		240-59-0		56-23-5	591-78-6	67-66-3	
Meth/ Matrix	SMV1/W																								VMS1/W																			
Lab Lab Anly. No.	RL 52856-03																																											
Sample Date	03-DEC-96																																											
	0																																											
Depth	20.0																																											
Field Sample No.	20.0																																											

* - Analyte Description has been truncated. See Data Dictionary

Final Documentation Appendix Report Installation :Fort Allen, Puerto Rico (FN) File Type: CGW

	EPA Data	Quals																																												
	Data	Quals																																												
		Meas Codes		Je C	ner	UGL	ngr	UGL	JON O	ner	ğ	190		1 5		ายก	าฮูก	UGL	JS N		ner		ner	ign	ign	195	195	1 1 1 1 1 1 1 1 1 1	150	ายก	ner	ner	ner	T9N	JSD	ายก	UGL	ner Ner	ner	Jen Jen	ner	190	3	Ten	1911	ner n
	E .	Bo Conc		111	11	11	111	LT 1	111	111	- 1	-		- 1-		111	LT 15	111	111		1 1		7	1 1	- 1-	LT 100		LT 10	LT 5	LT 10		LT 1	1.1 5	111	11	LT 200	LT 100	34000	LT 15	_	LT 5000	17 10		LT 200	17 10	LT 50
ate Range: 01-JAN-75 15-JAN-97		Analyte Description	Benzene	1,1,1-Trichloroethane	Bromomethane	Chloromethane	Chloroethane	Vinyl chloride / Chloroethene	Methylene chloride / Dichloromethane	Carbon disulfide	Bromoform	Bromodichloromethane	1.1-Dichloroethane	1,1-Dichloroethylene / 1,1-	Dichloroethene	1,2-Dichloropropane	Methyl ethyl ketone / 2-Butanone	1,1,2-Trichtoroethane	Trichloroethylene /Trichloroethene /	Ethinyl trichloride /1*	Tetrachloroethane / 1,1,2,2-	Tetrachloroethane / Acetylene *	Unknown compound 052	Xylenes, total combined	trans-1,3-Dichloropropene	Diesel range organics	Lead	Gasoline range organics	Selenium	Thallium	Mercury	Antimony	Arsenic	Beryllica	Cachnium	Aluminum	Iron	Magnesium	Hanganese	Nickel	Potassium	Silver	Sodium	Barium	Chromical	Cobalt
Date Range:	, a 40	CAS NO.	71-43-2	71-55-6	74-83-9	74-87-3	75-00-3	75-01-4	75-09-2	75-15-0	75-25-2	75-27-4	75-34-3	75-35-4		78-87-5	78-93-3	79-00-5	79-01-6		79-34-5						7439-92-1		7782-49-2	7440-28-0	7439-97-6	7440-36-0	7440-38-2	7440-41-7	7440-43-9	7429-90-5	7439-89-6	7439-95-4	7439-96-5	7440-02-0	7-40-04-7	7440-22-4	7440-23-5	7440-39-3	7440-47-3	7-87-077
Sampling D	Meth/	Matrix	VMS1/W																							DRO /W	GPB1/W	GRO /W	GSE1/W	GTL1/W	HCC1/N	1041/2				ICP2/W										
	Lab	Lab Anty. No.	52856-03																							52856-04																				
	Sample		03-DEC-96 RL																							04-DEC-96 RL																				
	d+the	nebru	20.0																							13.0																				
	Field Sample No	Sample No.	M080120X																							M090113X																				
	Site	e	MW-08-01																							MN-09-01																				
	Site	2	WELL																																											

* - Analyte Description has been truncated. See Data Dictionary

15-JAN-97

Final Documentation Appendix Report Installation :Fort Allen, Puerto Rico (FN) File Type: CGW

15-JAN-97
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e Range:
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EPA Data Quals	1 1 1																																													
Data Quals	:																																													
Unit Flag Meas Codes	UGL	UGL	NGL	ner	NGF	NGL	ner	NGL	UGL	ner	NGL	NGL		חפר	UGF	ner	NGL	ner	ner	NGL	ner	UGL	ner	3	d =	3 3	1 2	190	ng.		ng.	190	J Net	ngr	ngr	ig H	UGL		ner		ner	J D D	ner		ner	
Me Bo Conc	 LT 25	LT 50		89500	17 25			LT 10			LT 10	LT 10											11 10		2 5						LT 10		LT 10		LT 10	LT 25	LT 10		LT 25		LT 10				LT 10	
Analyte Description	Copper	Vanadium	Zinc	Calcium	4-Nitroaniline	4-Nitrophenol	2,4-Dimethylphenol	p-Cresol / 4-Cresol / 4-Methylphenol		4-Chloroaniline	Bis(2-chloroisopropyl) ether	Phenol / Carbolic acid / Phenic acid	/ Phenylic acid / Phe*	Bis(2-chloroethyl) ether	Bis(2-chloroethoxy) methane	Bis(2-ethylhexyl) phthalate	Di-n-octyl phthalate	Hexachlorobenzene	Anthracene	1,2,4-Trichlorobenzene	2.4-Dichlorophenol	2.4-Dinitrotoluene	Benzo [def] phenanthrene / Pyrene	Dimethy phthalate	Dibonofinan		Benzolgnijperylene	Indeno[1,2,5-C,D]pyrene	Benzo[b] fluoranthene / 3,4-	Benzofluoranthene	Fluoranthene	Benzo [k] fluoranthene	Acenaphthylene	Chrysene	Benzo [a] pyrene	2,4-Dinitrophenal	Dibenz[ah]anthracene / 1,2:5,6-	Dibenzanthracene	4,6-Dinitro-2-cresol / 2-Methyl-4,6-	dinitrophenol	1,3-Dichlorobenzene	Benzo [a] anthracene	3-Methyl-4-chlorophenol / 4-Chloro-3-	cresol / 4-Chloro-3-m*	2,6-Dinitrotoluene	
CAS No.	7440-50-8	7440-62-2	2440-66-6	7440-70-2	100-01-6	100-02-7	105-67-9	106-44-5	106-46-7	106-47-8	108-60-1	108-95-2		111-44-4	111-91-1	117-81-7	117-84-0	118-74-1	120-12-7	120-82-1	120-83-2	121-14-2	129-00-0	131-11-3	0-77-621	4-40-701	7-47-161	195-59-5	202-99-2		206-44-0	207-08-9	208-96-8	218-01-9	50-32-8	51-28-5	53-70-3		534-52-1		541-73-1	56-55-3	59-50-7		606-20-2	
Meth/ Matrix	1CP2/W				SMV1/W																																									
Lab Lab Anly. No.	RL 52856-04																																													
Sample Date	04-DEC-96																																													
Depth	13.0																																													
Field Sample No.	M090113X																																													
Site ID	MU-00-01																																													
Site	1																																													

^{* -} Analyte Description has been truncated. See Data Dictionary

Final Documentation Appendix Report Installation :Fort Allen, Puerto Rico (FN) File Type: CGW 15-JAN-97

	EPA Data Quals																																															
	Data																																															
	Unit Flag Meas Codes		UGF	UGL	ner	190	100	1 2	3	1	06	ភ្ន	ายก	UGL	UGL	Jer		เล	UGL	TSD.	150	ายก	100		3 3	חפר	ಪ	ฮ	TON	ugr	ng.		Jon	UGL	Jon	UGL	-DO		JSD.		ner.	195		ner	55	ฮก		
	Me Bo Conc		LT 10	LT 10			1 10	1 1	2 5					LT 10				LT 25					1 10							17 25					17 10	- 1-	11		1.1		1 1			111	-	1 1		
01-JAN-75 15-JAN-97	Analyte Description		N-Nitrosodi-n-propylamine	Hexachloroethane	Mexachlorocyclopentadiene	Isophorone	Aceneohthene	Diethyl phthalate		phonon-though	rnenanthrene	Butylbenzyl phthalate	N-Nitrosodiphenylamine	Fluorene / 9H-Fluorene	Carbazole / 9M-Carbazole	Hexachlorobutadiene / Hexachloro-1,3-	butadiene	Pentachlorophenol	2,4,6-Trichlorophenol	2-Nitroaniline	2-Nitrophenol	Naphthalene / Tar camphor	2-Methylnaphthalene	2-Chlorocaphthalana	7 7 - Dich croken - Aine	3,3'-Dichlorobenzidine	o-Cresol / 2-Cresol / 2-Methylphenol	1,2-Dichlorobenzene	2-Chlorophenol	2,4,5-Trichlorophenol	Nitrobenzene / Essence of mirbane /	Oil of mirbane	3-Nitroaniline	4-Bromophenyl phenyl ether	4-Chlorophenyl phenyl ether	Ethylbenzene	Styrene / Ethenylbenzene / Styrol /	Styrolene / Cinnamene *	cis-1,3-Dichloropropylene / cis-1,3-	Dichloropropene	1,2-Dichloroethane	Methyl isobutyl ketone /	Isopropylacetone / 4-Methyl-2-pen*	Toluene	Chlorobenzene / Monochlorobenzene	Dibromochloromethane /	Chlorodibromomethane	
Date Range: 01-JAN-75	CAS No.		621-64-7	67-72-1	77-47-4	78-59-1	83-32-9	84-66-2	84742	BE-01-9	0-10-00	85-68-7	86-30-6	86-73-7	8-74-8	87-68-3		87-86-5	88-06-2	88-74-4	88-75-5	91-20-3	91-57-6	01-58-7	1-00-10	1-84-14	95-48-7	95-50-1	95-57-8	92-95-4	98-95-3		89-09-2			100-41-4	100-42-5		10061-01-5		107-06-2	108-10-1		108-88-3	108-90-7	124-48-1		127-18-4
Sampling D	Meth/ Matrix		SMV1/W																																	VAS1/E												
	Lab Lab Anly. No.		RL 52856-04																																													
	Sample Date		04-DEC-96																																													
	Depth		13.0																																													
	Field Sample No.		M090113X																																													
	Site ID	:	MV-09-01																																													
	Site Type		HELL HELL																																													

* - Analyte Description has been truncated. See Data Dictionary

Final Documentation Appendix Report Installation :Fort Allen, Puerto Rico (FN) File Type: CGW

15-JAN-97	
01-JAN-75	
Date Range:	
Sampling [

Sample Depth Date 13.0 04-DEC-96

Field Sample No. 1

Site Site Type ID

rap				æ	Unit Flag	Data	EPA Data
Lab Anly. No.	No. Matrix	CAS No.	Analyte Description	Bo Conc	Meas Codes	Quals	Quals
		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	;	
RL 52856-04	-04 VMS1/W	127-18-4	Tetrachloroethylene /	LT 1	NGL		
			Tetrachloroethene / Perchloroethylen*				
		540-59-0	1,2-Dichloroethylenes (cis and trans	LT 1	UGL		
			isomers) / Acetylene *				
		56-23-5	Carbon tetrachloride	LT 1	UGL		
		591-78-6	Methyl n-butyl ketone / 2-Hexanone	LT 5	UGL		
		67-64-1	Acetone	LT 5	UGL		
		67-66-3	Chloroform	LT 1	UGL		
		71-43-2	Benzene	LT 1	UGL		
		71-55-6	1.1.1-Trichloroethane	11	UGL		
		74-83-9	Bromomethane	11 1	UGL		
		74-87-3	Chloromethane	LT 1	NGL		
		75-00-3	Chloroethane	LT 1	ner		
		75-01-4	Vinyl chloride / Chloroethene	LT 1	UGL		
		75-09-2	Methylene chloride / Dichloromethane	LT 1	NGL		
		75-15-0	Carbon disulfide	LT 1	UGL		
		75-25-2	Bromoform	LT 1	ner		
		75-27-4	Bromodichloromethane		NG.		
		75-34-3	1,1-Dichloroethane	11 1	ner		
		75-35-4	1,1-Dichloroethylene / 1,1-	LT 1	NGL		
			Dichloroethene				
		78-87-5	1,2-Dichloropropane	11	UGL		
		78-93-3	Methyl ethyl ketone / 2-Butanone	LT 15	ngr		
		2-00-62	1,1,2-Trichloroethane	11 1	UGL		
		79-01-6	Trichloroethylene /Trichloroethene /	11	NGL		
			Ethinyl trichloride /T*				
		79-34-5	Tetrachloroethane / 1,1,2,2-	111	NGF		
			Tetrachloroethane / Acetylene *				
			Xylenes, total combined	LT 1	UGL		
			trans-1,3-Dichloropropene	LT 1	NGL		

^{**} End of Report - 493 Records Found **

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SOURCE WATER DATA

ABB Environmental Services, Inc.

W001976APP

Site Type ----

Final Documentation Appendix Report
Installation :Fort Allen, Puerto Rico (FN)
File Type: CGW 28-16N-07

						Sampling	Sampling Date Range: 01-JAN-75	01-JAN-75 28-JAN-97				
Site	Field Sample No. 1	Denth	Sample Depth Date	4	Lab	Meth/	CA S NO	Analyte December	Me	Unit Flag	Data	EPA Data
: :									200	יייייייייייייייייייייייייייייייייייייי		81808
Z#M	Z#MZ	0.0	14-NOV-96	RL	52614-01	DRO /W		Diesel range organics	LT 100	UGL V		
						GPB1/W	7439-92-1	Lead	LT 3	NGL V		
						GRO /W		Gasoline range organics	LT 10	V 10U		
						GSE1/W	7782-49-2	Selenium	LT 5	ner v		
						CT1 1/13	7.4.0-28-0	#: e4	11 10	> 1011		

Lan	ACCII)			36		unit riag	Date
Anly. No.	Matrix	CAS No.	Analyte Description	Bo Conc	Meas	Codes	ona
	1 1 1		3 3 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!			
52614-01	DRO /W		Diesel range organics	LT 100	5	>	
	GPR1/U	7.440-02-1	Dag -		3 3	• >	
	# / G G G	1 - 34 - 46 + 1			ם פר	> ;	
	ERO /		dasoline range organics	2 -	150	>	
	GSE1/W	7782-49-2	Selenium		UGL	>	
	GTL1/W	7440-28-0	Thallium	LT 10	UGF.	>	
	HGC1/W	2439-97-6	Mercury	11 .2	UGL	>	
	ICM1/W	7440-36-0	Antimony	11 1	UGL	>	
		7440-38-2	Arsenic	11 5	UGL	>	
		7440-41-7	Beryllium		UGF	>	
		2440-43-9	Cadmium	111	ner	>	
	ICP2/W	7429-90-5	Aluminum	LT 200	190	· >	
		2439-89-6	Iron		UGL	>	
		7439-95-4	Magnesium		UGL	>	
		2439-96-5	Manganese	LT 15	UGL	>	
		7440-02-0	Nickel		UGL	>	
		2-60-05-2	Potassium	LT 5000	UGL	>	
		7440-22-4	Silver		UGL	>	
		7440-23-5	Sodium	93000	UGL	>	
		7440-39-3	Barium		UGL	>	
		7440-47-3	Chromium		UGL	>	
		7440-48-4	Cobalt		ner	· >	
		7440-50-8	Copper	LT 25	UGL	· >	
		7440-62-2	Vanadium		ner	>	
		9-99-0552	Zinc		UGL	· >	_
		7440-70-2	Calcium		UGL	>	
	SMV1/W	100-01-6	4-Nitroaniline		ner	. >	
		100-02-7	4-Nitrophenol	17.25	E	· >	
		105-67-9	2_4-Dimethylphenol	1 1 1	3 2	• >	
		106-44-5	lonedal/dath// / Loses / / / / Loses / / / / Loses / / / / / Loses / / / / / / / / / / / / / / / / / /	2	3 5	• >	
		106-74-7	1 /- Dich cohomon		3 3	> >	
		106-40-			5 5	>:	
		100-47-0	4-culoroaniline		3	> :	
		108-60-1	Bis(2-chloroisopropyl) ether	LT 10	3	>	
		108-95-2	Phenol / Carbolic acid / Phenic acid	-	J S D	>	
			/ Phenylic acid / Phe*				
		111-44-4	Bis(2-chloroethyl) ether		ig N	>	
		111-91-1	Bis(2-chloroethoxy) methane		UGL	>	
		117-81-7	Bis(2-ethylhexyl) phthalate	LT 35	UGL	>	
		117-84-0	Di-n-octyl phthalate		UGL	>	
		118-74-1	Hexachlorobenzene		T _O n	>	
		120-12-7	Anthracene		ner	>	
		120-82-1	1,2,4-Trichlorobenzene		ngF	>	
		120-83-2	2,4-Dichlorophenol	LT 10	UGL	>	
		121-14-2	2,4-Dinitrotoluene		ng Tg	>	
		129-00-0	Benzo[def]phenanthrene / Pyrene	LT 10	UGL	>	

^{* -} Analyte Description has been truncated. See Data Dictionary

Final Documentation Appendix Report Installation :Fort Allen, Puerto Rico (FN) File Type: CGW 28-JAN-97

* - Analyte Description has been truncated. See Data Dictionary

Final Documentation Appendix Report Installation :Fort Allen, Puerto Rico (FN) File Type: CGW

28-JAN-97
01-JAN-75
Range:
Date
Sampling

	EPA Data	Quals	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1																																															
	Data	Quals	1																																															
	Unit Flag		0 3 6	OGL V	OGL V	NGL V	A NGL V		NGL V	> >			NGL V	NGL V		NGL V		NGL V	NGL V		NGL V	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	> > 101			OGL V		NGL V		A JON	> 1911	2	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	> : 0 ::	061	OGL V	OGL V				NGL V	ngr v	NGL V	OGL V	NGL V	NOT N		ngr v	ner v	V JOU
	Æ						LT 10		11 25	1 -		LT 10	- 1	11		111		[1]	1.1		11 1			-	•	[1]		-		111	5 -	. L		- :	_ :			11	-	11 1	111	LT 1	11	111		-11		11 1	LT 15	LT 1
20-0AN-10		Analyte Description		1,2-Dichlorobenzene	2-Chlorophenol	2,4,5-Trichlorophenol	Nitrobenzene / Essence of mirbane /	Oil of mirbane	3-Nitroaniline	/-Bromonhony other	4-bi diposieny i preny etner	4-Chlorophenyl phenyl ether	Ethylbenzene	Styrene / Ethenylbenzene / Styrol /	Styrolene / Cinnamene *	cis-1,3-Dichloropropylene / cis-1,3-	Dichloropropene	1.2-Dichtoroethane	Methyl isobutyl ketone /	Isopropylacetone / 4-Methyl-2-pen*	Toluene	Chlorobenzene / Monochlorobenzene	Dibamochi onomethero	o lor ollocation of the charle	Chlorodibromomethane	Tetrachloroethylene /	Tetrachloroethene / Perchloroethylen*	1,2-Dichloroethylenes (cis and trans	isomers) / Acetylene *	Carbon tetrachloride	Methyl n-butyl ketone / 2-Hexanone	Acetone	Ace core	CHIGIOTOFIII	Benzene	1,1,1-Trichloroethane	Bromomethane	Chloromethane	Chloroethane	Vinyl chloride / Chloroethene	Methylene chloride / Dichloromethane	Carbon disulfide	Bromoform	Bromodichloromethane	1.1-Dichloroethane	1,1-Dichloroethylene / 1,1-	Dichloroethene	pane	Methyl ethyl ketone / 2-Butanone	1,1,2-Trichloroethane
Date Kange: 01-0AN-12		CAS No.		95-50-1	95-57-8	95-95-4	98-95-3		99-09-2				100-41-4	100-42-5		10061-01-5		107-06-2	108-10-1		108-88-3	108-90-7	124-40-1	1-04-47		127-18-4		540-59-0		56-23-5	591-78-6	67.66.1	1 - 10 - 10	2, 62, 2	7-69-17	9-55-1/	74-83-9	74-87-3	75-00-3	75-01-4	75-09-2	75-15-0	75-25-2	75-27-4	75-34-3	75-35-4		78-87-5	78-93-3	2-00-62
Sampt 113	Meth/	Matrix		SMV1/W									VMS1/W																																					
	Lab	Lab Anty. No.	•	RL 52614-01																																														
	Sample	Date	70	14-NOV-96																																														
		Depth		0.0																																														
	Field	Sample No.	077.11	7#52																																														
	Site	10		7#44																																														
	Site																																																	

* - Analyte Description has been truncated. See Data Dictionary

EPA Data Quals

Data Quals

Unit Flag Meas Codes UGL V

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1 1 1 1 1 1 1

Final Documentation Appendix Report Installation :Fort Allen, Puerto Rico (FN) File Type: CGW 28-JAN-97

Meth/ Matrix

Lab

Sample Date

Depth

Field Sample No.

Site ID ID

Site Type

WNS1/W

Lab Anly. No. R

0.0 14-NOV-96

Me Bo Conc 111 111 Trichloroethylene /Trichloroethene / Ethinyl trichloride /T*
Tetrachloroethane / 1,1,2,2Tetrachloroethane / Acetylene *
Xylenes, total combined
trans-1,3-Dichloropropene Analyte Description 79-34-5 79-01-6 CAS No.

Records Found ** ** End of Report - 122 IRDMIS FLAGGING CODES AND DATA QUALIFIERS

ELEMENT IS USED IN THE FOLLOWING IR RECORDS AND DATA BASE TABLES:

Record Type	IRDMIS Record Column(s	IRDMIS Do	ete Base DB Column
	13 13 13 13 13 13 13	3 4 5 6 7	flag_codes
	. 13		f_q_code

Any valid chemical or radiological record type

ELEMENT SIZE AND CHARACTERISTICS:

IRDMIS Record:

1 upper-case alphabetical character, full field (as many as 8 per record)

IRDMIS Data Base:

chem/cqc:

as many as 8 Flagging Codes per record

flag quals desc:

1 Flagging Code per record

ELEMENT DESCRIPTION:

Code assigned by the Laboratory to indicate other-than-usual analytical conditions or results.

ACCEPTABLE CRITERIA:

NOTE:

Flagging Codes marked with * were changed effective 1 February 1993!
Flagging Codes marked with ** were changed effective with the introduction of Version 5.2 of the IRDMIS Data Entry and Validation Subsystem (PC IRDMIS) software!

- A Analyte found in trip blank as well as in field samples. The analyte was detected in the field sample and the trip blank for the same cooler. To be used for volatiles only.
- Analyte found in the method blank or QC blank as well as the sample. This Code is to be used when an analyte was detected and quantitated at higher-than-normal background levels. For metals in soil, the following rules must be followed:
 - (1) If the analyte is detected in the method blank, both the field and QC samples are to be flagged.
 - (2) If the analyte is detected in the QC blank, only the QC samples are to be flagged.
- Analysis was confirmed. This Code is to be used when a confirmation analysis bears out the reported result (if it is above the CRL or MDL). The confirmation analysis must use a different column or analytical technique.
- D Duplicate analysis. This Code is used to distinguish analytical results when duplicate analyses are required. Flag only the second (duplicate) sample.

ACCEPTABLE CRITERIA: (CONT.)

- E No longer in use.
- Sample filtered prior to analysis. This Code is to be used when results of filtered samples are to be differentiated from non-filtered samples. This Code is also to be used when filtering of samples (as a first step in the sample preparation) is a deviation from the approved method SOP. This Code may be used to indicate both field and laboratory filtering. It is not to be used when filtering the extract is the normal procedure.
- Analyte found in rinse blank as well as field sample. The analyte was detected in the field sample as well as that day's rinse blank for the same equipment type.
- ** H No longer in use after introduction of Version 5.2 of PC IRDMIS.
- * I Interferences in sample cause the quantitation and/or identification to be suspect. This Code is to be used when matrix interferences may mask detection of the target analyte. Must always be used with Flagging Code J.
- * ** J Value is estimated because of one of the following conditions:

Interferences in the sample (use Flagging Codes J and I)

OF

The value is below the method detection level but above the instrumental detection level (use Flagging Codes J and P)

or

The value is above the upper reporting level of the method (use Flagging Codes J and X).

This Code must always be used with Flagging Code I, P, or X. Both the J and I and the J and X combinations may be used both for methods demonstrated under the 1990 QA Program and for methods validated under the 1993 QA Guidelines. The J and P combination is only to be used for methods validated under the 1993 QA Guidelines.

- Reported results affected by interferences or high background. This Code is to be used when analyte levels at or near the CRL or MDL cannot be accurately quantified down to the CRL/MDL due to interferences. This Code will allow a laboratory to input a higher CRL/MDL, rather than defaulting to the Methods data base. (Formerly Flagging Code G)
- * ** L No longer in use after introduction of Version 5.2 of PC IRDMIS.
- ** M No longer in use after introduction of Version 5.2 of PC IRDMIS.
- * N Tentatively identified compound (result of a GC/MS library search) with a match greater than 70%. To be used when specified in the contract/task order.

ACCEPTABLE CRITERIA: (CONT.)

- * O No longer in use.
- Yalue is less than the method reporting level but greater than the instrumental detection limit. This Code must always be used with J. This Code is only to be used for methods validated under the 1993 QA Guidelines.
- * Q Confirmatory analysis was performed; however, sample interference obscured the area where the peak of interest would have appeared. To be used when the peak of interest fell within the retention-time window on the primary column, but the retention-time window on the secondary column was masked by interferences.
 - R Non-target compound analyzed for but not detected (must be used with a Boolean of ND). This Code is used only for those analytes (in GC/MS methods) which were not performance demonstrated or validated. To be used when specified in the contract/task order.
 - Non-target compound analyzed for and detected. This Code is used only for those analytes (in GC/MS methods) which were not performance demonstrated or validated. Also used to report tentatively identified compounds which are quantitated against an internal standard. To be used when specified in the contract/task order.
 - Non-target compound analyzed for but not detected (must be used with a Boolean of ND). This Code is used only for those analytes (in non-GC/MS methods) which were not performance demonstrated or validated.
 - U Analysis is unconfirmed. This Code is to be used when a confirmatory analysis was performed but does not verify the analytical results from the initial analysis.
 - V Sample was subjected to unusual storage/preservation condition. To be used when samples are received at the laboratory at greater than 4° C, or were not correctly preserved in the field.
 - W Single analyte required from a multi-analyte method. This Code is to be used when field samples are to be analyzed for a subset of the demonstrated/validated analytes.
- ** X Analyte concentration is above the upper reporting level. This Flagging Code is to be used when analyte concentrations exceed the upper reporting level and the laboratory feels that additional dilutions are not warranted. This Code is also to be used when no sample or extract remains to make additional dilutions. It must also be used whenever a Boolean of GT is used.
- Y Tentatively identified compound (result of a GC/MS library search) with a match of less than 70%, but peak area is greater than 35% of the internal standard. To be used when specified in the contract/task order.

ACCEPTABLE CRITERIA: (CONT.)

- Non-target compound analyzed for and detected. This Code is used only for those Z analytes (in non-GC/MS methods) which were not performance demonstrated or
- 1 Result less than the CRL but greater than the Criteria of Detection (COD). Can only be used for methods which were performance demonstrated under the 1990 QA Program.
- Ending calibration not within acceptable limits. This Code is to be used for an analyte 2 for which the ending calibration is still unacceptable after multiple attempts.
- Internal standard(s) not within acceptable limits. 3
- Analyte quantitated on the secondary column, when this is not the normal practice.
- No longer in use after introduction of Version 5.2 of PC IRDMIS.
- Analyte recovery outside of certified range but within acceptable limits. This Flagging 8 Code is to be used when analyte recoveries exceed the upper limit of the certified range by less than 15% and the laboratory feels a dilution is not warranted. No longer in use after introduction of Version 5.2 of PC IRDMIS (formerly Flagging Code X).
- Non-demonstrated/validated method performed for USAEC. This Code is to be used to 9 identify Method 00 or NTAM data which was produced under contract to USAEC.

ACCEPTABLE ENTRIES:

- Analyte found in trip blank as well as in field samples. Α
- Analyte found in the method blank or QC blank as well as the sample. B
- C Analysis was confirmed.
- D Duplicate analysis.
- Sample filtered prior to analysis. F
- Analyte found in rinse blank as well as field sample. G
- Interferences in sample make quantitation and/or identification to be suspect. J
- Value is estimated.
- Reported results are affected by interferences or high background. K
- Tentatively identified compound (match greater than 70%). N
- Results less than reporting level but greater than instrumental detection limit. P 0
- Sample interference obscured peak of interest.
- Non-target compound analyzed for but not detected (GC/MS methods). R S
- Non-target compound analyzed for and detected (GC/MS methods). T
- Non-target compound analyzed for but not detected (non-GC/MS methods). U
- Analysis is unconfirmed. V
- Sample subjected to unusual storage/preservation conditions.

8.08

Flagging Code

ACCEPTABLE ENTRIES: (CONT.)

- W Single analyte required from a multi-analyte method.
- X Analyte concentration is above the upper reporting level.
- Y Tentatively identified compound (match less than 70%).
- Z Non-target compound analyzed for and detected (non-GC/MS methods).
- 1 Result less than CRL but greater than COD.
- 2 Ending calibration not within acceptable limits.
- 3 Internal standard(s) not within acceptable limits.
- 4 Analyte quantitated on the secondary column.
- 9 Non-demonstrated/validated method performed for USAEC.

8.30

ELEMENT IS USED IN THE FOLLOWING IR RECORDS AND DATA BASE TABLES:

	IRDMIS Record	IRDMIS De	ta Basa
Record Type	Cokenn(s)	DB Table(s)	DB Column
•	140	chem/cqc	deta_quals
	141	•	
	142		
	143		
	144		
	145		
	146		
	147		
		fing_quals_deec	f_q_code

Any valid chemical or radiological record type

ELEMENT SIZE AND CHARACTERISTICS:

IRDMIS Record:

1 upper-case alphabetical character, full field (as many as 8 per record)

IRDMIS Data Base: chem/cqc:

as many as 8 Data Qualifiers per record

flag_quais_desc:

1 Data Qualifier per record

ELEMENT DESCRIPTION:

Code assigned only by the USAEC Chemist to indicate data acceptance or rejection based on other-than-usual analytical conditions or results.

ACCEPTABLE CRITERIA:

- ? Control chart either not received or not yet approved by USAEC. This Qualifier is automatically set when a lot file has been loaded but the corresponding control chart has not been approved.
- I The low-spike recovery is high. To be used for the single low spike in Class 1 methods and the duplicate low spikes in Class 1P.
- The low-spike recovery is low. To be used for the single low spike in Class 1 methods and the duplicate low spikes in Class 1P.
- K Missed holding times for extraction and preparation (Hold Time 1). This Qualifier is automatically set when the extraction/preparation holding time is exceeded. (Formerly Flagging Code K)
- Missed holding time for sample analysis (Hold Time or Hold Time 2). This Qualifier is automatically set when the analytical holding time is exceeded. (Formerly Flagging Code L)
- M The high-spike recovery is high. To be used for the duplicate high spikes in Class 1 and 1P methods. Also to be used for the single spike in Class 1A and 1B methods and for the duplicate spikes in Class 1M methods.

ACCEPTABLE CRITERIA: (CONT.)

- N The high-spike recovery is low. To be used for the duplicate high spikes in Class 1 and 1P methods. Also to be used for the single spike in Class 1A and 1B methods and for the duplicate spikes in Class 1M methods.
- O Low spike recoveries excessively different. To be used only for the duplicate low spikes in Class 1P methods.
- P High spike recoveries excessively different. To be used for the duplicate high spikes in Class 1 and 1P methods. Also to be used for the duplicate spikes in Class 1M methods.
- Q Surrogate(s) in field sample outside of acceptable limits as specified by EPA CLP. To be followed by number of surrogates failing criteria (1 9). To be used only for field samples. (Formerly Flagging Code Q)
- R Data is rejected and is not usable.

ACCEPTABLE ENTRIES:

- ? Control chart not yet approved by USAEC.
- 1-9 Number of surrogates failing EPA CLP criteria (used with Data Qualifier Q)
- I The low-spike recovery is high.
- J The low-spike recovery is low.
- K Missed holding time for extraction and preparation.
- L Missed holding time for sample analysis.
- M The high-spike recovery is high.
- N The high-spike recovery is low.
- O Low spike recoveries excessively different.
- P High spike recoveries excessively different.
- Q Surrogate recovery outside of acceptable CLP limits (field samples only).
- R Data is rejected.

QC SAMPLE RESULTS FROM IRDMIS

ABB Environmental Services, Inc.

W001976APP

Table: Appendix K METHOD BLANKS (SOIL)

Contractor M	Contractor Method Description	IRDMIS Method Code	Test Name	Lot	Prep Date	Analysis Date	v	Value Unit	hit
ABB-ES		DRO	DRO	DRAB	25-NOV-96 09-DEC-96	09-DEC-96		7	nge
ABB-ES		GPB1	ьв	PSDQ	PSDQ 16-DEC-96 17-DEC-96	17-DEC-96		1.12 UGG	997
ABB-ES		GRO	GRO	GRAB ?	GRAB 22-NOV-96 22-NOV-96		v	.5 UGG	990
ABB-ES		GSE1	SE	SSDO	16-DEC-96	SSDQ 16-DEC-96 17-DEC-96 <	•	-	1 UGG
ABB-ES		GTL1	11	TSDQ	ISDQ 16-DEC-96 17-DEC-96	17-DEC-96	~	2 (nec
ABB-ES		HGC1	HG	HOSH	11-DEC-96 11-DEC-96		v	.2 נ	nea
ABB-ES		ICM1	AS		13-DEC-96	19-DEC-96	v	-	990
ABB-ES			38	N N N	13-DEC-96	19-DEC-96	v v	, ·	990
ABB-ES			SBS		13-DEC-96	19-DEC-96	, A	121	200
ABB-ES		ICP1	AG	SCV	23-DEC-96	26-DEC-96	v	2	DGG
ABB-ES			AL			26-DEC-96			nee
ABB-ES			٩L		23-DEC-96	26-DEC-96			99
ABB-ES			At.		23-DEC-96	26-DEC-96			99
ABB-ES			¥.	ISCV		26-DEC-96		433 (990
ABB-ES			8 A A		23-DEC-96	26-DEC-96	v v		3 6
ABB-ES			BA			26-DEC-96	, v		200
ABB-ES			BA	ISCV	23-DEC-96	26-DEC-96	_		25
ABB-ES			Š	1SCV	23-DEC-96	26-DEC-96	~		25
ABB-ES			CA CA	1SCV	33-DEC-96	26-DEC-96	~		99
ABB-ES			Š		33-DEC-96	26-DEC-96	~		99
ABB-ES			Š	ISCV	23-DEC-96	26-DEC-96	~		56
ABB-ES			8	ISCV	33-DEC-96	26-DEC-96	~	10 5	99
ABB-ES			<u>ج</u> :	ISCV	3-DEC-96	26-DEC-96	v	ر ا	55
ABB-ES			31		-	26-DEC-96	v		9
ABB-ES			# t			26-DEC-96			9
400-03			Ľ	7251	23-DEC-96	20-DEC-90		200	2

		IRDMIS	Test		Prep	Analysis			
Contractor	Method Description	Code	Name	Ę	Date	•	v	Value	E it
ABB-ES		1651	Ŧ.	201	24-her.ok	24-PEC-04		4020	5
ABB-ES		•			22-7-6-2	24-PET-96		Š	3 5
ABB-ES			<u>'</u>		34.75	24-25-28	,	2 5	3
ABB-ES			: 5	200	2-7-6-2	X-151-8	′ \	38	3 5
ARR-FS			د 2			20.020.00	,	3	3
ARR-FS			۷ ک		22-050-22	20-DEC-30	•	96	3
400-CC			∠ !		22-DEL-30	20-DEC-30	v	3	9
A86-ES			9		23-060-98	26-DEC-96	~	<u>§</u>	993
A86-ES			S.		23-060-98	28-DEC-28	~	<u>8</u>	990
ABB-ES			웊		23-050-98	28-DEC-98	~	90	990
ABB-ES			웊		23-050-96	26-DEC-96	_	1000	990
ABB -ES			₹		23-DEC-96	26-DEC-96		2	991
ABB-ES			¥	ISCV	23-DEC-96	26-DEC-96		2.7	991
ABB-ES			₹		23-060-96	26-DEC-96		76	DOL
ABB-ES			Ŧ		23-DEC-96	26-DEC-96		22.2	93
ABB-ES			≨		23-DEC-96	%-DEC-98		Ş	9
ABB-ES			X		7-PEC-8	X-PEC-98		3 8	3 5
ABB-ES			1	3	24-05-06	34-56-56	, ,	3 5	3 5
ARR-FS					2 22 22 22 22 22 22 22 22 22 22 22 22 2	20-021-20	,	38	3
ABB.EC			§ :		2-120-02	8-ner-30		3	3
2007			.		23-DEC-98	28-DEC-28	v	80	9
A56-E3			>	<u>ვ</u> ვ	23-060-8	38-DEC-98		2	990
ABB-ES			N	ISC	23-DEC-96	26-DEC-96 •	v	4	3
400.50									
2000		ZALA	1 ACLB	BSBS	2-12-8	16-DEC-98 •	v		9
A66-ES			120CLB	BSBS	25-152-56	16-DEC-96 •	v	ij	990
ABB-ES			130CLB	BSBS	25-1504-56	16-DEC-96			99
ABB-ES			130CLB	BSBS	25-104-96	16-DEC-96	J		990
ABB-ES			245TCP	BSBS	25-101-55	16-DEC-96			S
A88 -ES			245TCP	BSBS	25-NOV-95	16-DEC-96			2
ABB-ES			246TCP	BSBS	25-101-55	16-DEC-96		2	2
ABB-ES			246TCP	BSBS	25-MON-96	16-DEC-96			8
ABB -ES			240CLP	BSBS	25-104-96	16-DEC-96			8
ABB-ES			24DCLP	RSBS	X-101-8	16-DFC-94			8
ABB-ES			240MPN	ASBS	X-15-6	14-PEC-94	, .		3 2
ABB-ES			240MDW	RCBC	× × ×	14-05-06	, ,		3 5
ABB-ES			240MD	0000	20-10-10	14- 25- 26	, ,		3 9
			C-ACHIE	2000	04-A04-C3	_		_	3

METHOD BLANKS (SOIL)

. Unit	. ngg	_	_			900			_			_					990	990	5 50		_		_	_	_	_	_	_	_	_	_	550		_	
Value	. 83	3	33	3	*	16	33	33	.33	œ.	ω.	.33	.33	ω.	∞.	φ.	Φ.	-	_	.33	.33	.33	.33	.33	.33	.33	.33	φ.	ω̈	.33	.33	.33	.33	.33	.33
	j. 1																																		
ν «	. v	> 96	× %	> 96	× 90	· v	9	> 90	× %	> 9	v 90	v 9	v 90	× 9	× %	× %	v %	v 9	v 9	v 9	v 9	v 9	v %	v 9	v 9	v 9	v 9	v 9	v 9	v 90	v 9	v 9	> 9	v 9	> 9
Analysis Date	16-DEC-96	16-DEC-96	16-DEC-96	16-DEC-96	16-DFC-96	16-DEC-96	16-DEC-96	16-DEC-96	16-DEC-96	16-DEC-96	16-DEC-96	16-DEC-96	16-DEC-96	4-	16-DEC-96	~	•	•		•	•	•	•	~	•	16-DEC-96	16-DEC-96	16-DEC-96	16-DEC-96	16-DEC-96	16-DEC-96	16-DEC-96	16-DEC-96	16-DEC-96	16-DEC-96
	%-∧	96-70	96-1	96-M	N-96	26-N	96-7	96-A	96-A	96-A	96- ∧	96-∧	96-A	96-A	96-N	96-A	%- %	%- %	%- %	%-√	%- -	%- -	%- %	%- -	%- -	96-70N	NOV-96	96-A	NOV-96	96-AON	NOV-96	96- AON	96-AON	%- -	%- -
Prep Date	25-NOV-96	25-NOV-96	25-NOV-96	25-NOV-96	25-NOV-96	25-NDV-96	25-NOV-96	25-NOV-96	25-NOV-96	25-NOV-96	25-NOV-96	25-NOV-96	25-NOV-96	25-NOV-96	25-NG	25-NO	25-NG	25-NOV-96	25-NO	25-NOV-96	25-NO	25-NOV-96	25-NO	25-NO	25-NO	25-kg	25-NO	25-NOV-96	25-10	22-12	25-10	25-NO	25-NO	25-NOV-96	25-NOV-96
Lot	BSBS	BSBS	BSBS	BSBS	BSBS	BSBS	BSBS	BSBS	BSBS	BSBS	BSBS	8888	BSBS	BSBS	BSBS	BSBS			BSBS								BSBS	BSBS						BSBS	BSBS
Test	24DNP	26DNT	26DNT	2CNAP	2CNAP	2MNAP	2MNAP	SE S	Š	SNANIL	2NANIL	SNP	S.	330CBD	330CBD	SNANIL	SNANIL	46DN2C	46DN2C	4BRPPE	4BRPPE	4CANIL	4CANIL	4CLPPE	4CLPPE	₽	d₩4	4NANIL	4NAN1L	ANAPYL	ANAPYL	ANTRC	ANTRC	B2CEXM	BZCEXM
IRDMIS Method Code	SMV2																																		
Contractor Method Description					,	•																													
actor	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	s	s	S	s	s	S	S	S	S	S	S	s	s	s	s	s	s	s	s	s
Contracto	ABB-ES	ABB-ES	ABB-ES	ABB-ES	ABB-ES	ABB-ES	ABB-ES	ABB-ES	ABB-ES	ABB-ES	ABB-ES	ABB-ES	ABB-ES	ABB-ES	ABB-ES	ABB-E	ABB-ES	ABB-ES	ABB-ES	ABB-ES	ABB-ES	ABB-ES	ABB-ES	ABB-E	ABB-ES	ABB-ES	ABB-ES	ABB-ES	ABB-ES	A88-E	A88-E	ABB-ES	ABB-ES	ABB-ES	ABB-ES

METHOD BLANKS (SOIL)

ABB-ES ABB-ES	Method Description	Code	Name	Ę	Date	Date	•	Value	Ë
ABB-ES	# # # # # # # # # # # # # # # # # # #	SMV2	B2CIPE	BSBS	25-MOV-96	16-DEC-96	: •	_	99
			BZCIPE	BSBS	25-104-96	16-DEC-96	•	33	8
A88 -ES			BZCLEE	BSBS	25-104-55	16-DEC-96	v		25
ABB-ES			BZCLEE	BSBS	25-HOV-96	16-DEC-96	v		5
ABB-ES			BZEHP	BSBS	Ş	16-DEC-96	v		99
ABB-ES			B2EHP	BSBS	₹	16-DEC-96	v		9
ABB-ES			BAANTR	BSBS	25-101-55	16-DEC-96	v		25
ABB-ES			BAANTR	BSBS	25-NON-55	16-DEC-96	v		2
ABB-ES			BAPYR	BSBS	25-NOV-96	16-DEC-96	v		8
ABB-ES			BAPYR	BSBS	25-NOV-96	16-DEC-96	v		20
ABB-ES			BBFANT	8888	25-NOV-96	16-DEC-96	v		20
ABB-ES			BBFANT	BSBS	25-NOV-55	16-DEC-96	v		99
ABB-ES			682P	BSBS	25-NON-55	16-DEC-96	v		8
ABB-ES			88 2P	BSBS	25-NON-25	16-DEC-96	v		3
ABB-ES			BGHIPY	BSBS	25-NON-55	16-DEC-96	v		8
ABB -ES			BGHIPY	BSBS	25-HOV-96	16-DEC-96	•	9.	3
ABB-ES			BKFANT	BSBS	25-NON-25	16-DEC-96	v		20
ABB-ES			BKFANT	BSBS	25-NON-96	16-DEC-96	v		8
A88 -ES			CARBAZ	8888	22-YOH-52	16-DEC-96	v		20
A88-ES			CARBAZ	BSBS	25-NON-55	16-DEC-96	v	.33	3
ABB-ES			CHRY	BSBS	25-101-55	16-DEC-96	v		2
ABB-ES			CHRY	8888	25-1404-96	16-DEC-96	v		3
ABB-ES			CL 682	BSBS	25-101-52	16-DEC-96	v		8
ABB-ES			CL 682	BSBS	ģ	16-DEC-96	v		8
ABB-ES			CL609	BSBS	25-101-55	16-DEC-%	•		8
ABB-ES			CL60	BSBS	25-101-52	16-DEC-96	•		8
ABB-ES			CLEET	BSBS	25-104-56	16-DEC-96	v		3
ABB -ES			CLEET	BSBS	25-101-55	16-DEC-96	•		25
ABB-ES			DBAHA	BSBS	25-NOV-96	16-DEC-96	v		2
ABB-ES			DBAHA	BSBS	25-101-55	16-DEC-96	v		3
ABB-ES			DBZFUR	BSBS	25-NON-95	16-DEC-96	•		9
ABB-ES			DBZFUR	BSBS	25-101-55	16-DEC-96	v		3
ABB-ES			DEP	BSBS	25-NON-55	16-DEC-96	v		9
ABB-ES			DEP	BSBS	25-NON-95	16-DEC-96	•		8
ABB-ES			2	BSBS	25-NON-95	16-DEC-96	~		9

Table: Appendix K

METHOD BLANKS (SOIL)

Contractor Method Description	IRDMIS Method Code	Test Name	Lot	Prep Date	Analysis Date	~	Value	Unit
ABB-ES	SMV2	DMD	BSBS	25-NOV-96	16-DEC-96		33	
ABB-ES		DNBP	BSBS	25-NOV-96	16-DEC-96	~	.33	990
ABB-ES		DNBP	BSBS	25-NOV-96	16-DEC-96	~	33	nee
ABB-ES		ONO	BSBS	25-NOV-96	16-DEC-96	v	ı.	ngg
ABB-ES		ONO	BSBS	25-NOV-96	16-DEC-96	v	ī.	990
ABB-ES		FANT	BSBS	25-NOV-96	16-DEC-96	~	33	nee
ABB-ES		FANT	BSBS	25-NOV-96	16-DEC-96	~	.33	ngg
ABB-ES		FLRENE	BSBS	25-NOV-96	16-DEC-96	v	.33	990
ABB-ES		FLRENE	BSBS	25-NOV-96	16-DEC-96	~	.33	990
ABB-ES		HCBD	BSBS	25-NOV-96	_	v	.33	990
ABB-ES		HCBD	BSBS	25-NOV-96	•	v	.33	990
ABB-ES		ICOPYR	BSBS	25-NOV-96	•	~	'n	D00
ABB-ES		ICDPYR	BSBS	25-NOV-96	•	~	'n	990
ABB-ES		ISOPHR	BSBS	25-NOV-96	16-DEC-96	~	.33	ngg
ABB-ES		ISOPHR	BSBS	25-NOV-96	16-DEC-96	~	.33	990
ABB-ES		NAP	BSBS	25-NOV-96	16-DEC-96	~	.33	990
ABB-ES		NAP	BSBS	25-NOV-96	16-DEC-96	~	55	290
ABB-ES		28	BSBS	25-NOV-96	16-DEC-96	~	.33	990
ABB-ES		92		25-NOV-96	16-DEC-96	~	.33	nge
ABB-ES		NNDPA		25-NOV-96	16-DEC-96	v	.33	990
ABB-ES		NNDPA		25-NOV-96	16-DEC-96	~	.33	990
ABB-ES		PHANTR		25-NOV-96	16-DEC-96	~	.33	nge
ABB-ES		PHANTR		25-NOV-96	16-DEC-96	v	.33	990
ABB-ES		UNKS39	BSBS	25-NOV-96	16-DEC-96		7	990
ABB-ES		UNK539	BSBS	25-NOV-96	16-DEC-96		7	990
ABB-ES		UNK606	BSBS	25-NOV-96	16-DEC-96		٠.	990
ABB-ES		UNK606	BSBS	25-NOV-96	16-DEC-96		τ.	D 90
ABB-ES		UNK614	BSBS	25-NOV-96	16-DEC-96		-	990
ABB-ES		UNK614	BSBS	25-NOV-96	16-DEC-96		8	990
ABB-ES		UNK615	BSBS	25-NOV-96	16-DEC-96		7.	990
ABB-ES		UNK615	BSBS	25-NOV-96	16-DEC-96		7	990
ABB-ES		UNK623	BSBS	25-NOV-96	16-DEC-96		7	990
ABB-ES	-	UNK623	BSBS	25-NOV-96	16-DEC-96		ın	166
ABB-ES		UNK623	BSBS	25-NOV-96	16-DEC-96		7.	990
ABB-ES		UNK623	BSBS	25-NOV-96	16-DEC-96		ĸ,	990

METHOD BLANKS (SOIL)

Contractor	Contractor Method Description	IRDMIS Method Code	Test		Q. 4	. <u>co</u>	v		i;
ABB-ES ABB-ES ABB-ES ABB-ES		SHV2	UNK630 UNK630 UNK632 UNK637	8888 8888 8888 8888	% % % % % %	16-DEC-% 16-DEC-% 16-DEC-%			. 8888
ABB-ES ABB-ES ABB-ES		DRO	UNK637 DRO DRO		25-NOV-96 25-NOV-96 09-DEC-96	16-DEC-96 26-NOV-96 10-DEC-96	~ ~	1000	19 33 33 33
ABB-ES ABB-ES		GP81	20 20	PADE	10-DEC-96 11-DEC-96	11-DEC-96 12-DEC-96	~ ~		ತ ತ
ABB-ES ABB-ES		Og G	GRO	GRAC	21-NOV-96 06-DEC-96	21-NOV-96 06-DEC-96	~ ~	55	펄펄
ABB-ES ABB-ES		GSE1	w w	SADG	10-DEC-96 11-DEC-96	11-DEC-96 12-DEC-96	~ ~	NN DD	털털
ABB-ES ABB-ES		GTL1	그 그	1.0F	10-DEC-96 11-DEC-96	11-DEC-96 12-DEC-96	~ ~	55	펄펄
ABB-ES ABB-ES		HGC1	22	88 ¥¥	%-DEC-60 %-DEC-60	10-DEC-96 10-DEC-96	~ ~	2.2	펄펄
ABB-ES ABB-ES ABB-ES ABB-ES ABB-ES ABB-ES ABB-ES		<u> </u>	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	A CERTAIN A CERT	10-056-8 11-056-8 11-056-8 11-056-8 11-056-8 11-056-8	17-066-8 17-066-8 17-066-8 17-066-8 17-066-8 17-066-8		NN	
ABB-ES ABB-ES		1CP2	AG AG	ž į	10-DEC-96 12-DEC-96 11-DEC-96 12-DEC-96		v v	55	5 5

Table: Appendix K METHOD BLANKS (WATER)

Contractor	Contractor Method Description	IRDMIS Method Code	Test Name	Lot	Prep Date	Analysis Date	•	Value	Unit
ABB-ES	d 1 3 3 8 8 8 8 8 7 5 8 8 8 8 8 8 8 8 8 8 8 8 8	1CP2	Al	TADK	10-DEC-06	12-DEC-96		200	: <u>-</u>
ABB-ES		!	A.	₹ 1	11-DEC-96	12-DEC-96	· •	200	1 2
ABB-ES			BA	줮	10-DEC-96	12-DEC-96	v	200	125
ABB-ES			BA	IADL	11-DEC-96	12-DEC-96	~	200	UGL
ABB-ES			CA	IADK	10-DEC-96	12-DEC-96	~	2000	75
ABB-ES			ÇĄ	IADL	11-DEC-96	12-DEC-96	~	2000	JGL
ABB-ES			8	IADK	10-DEC-96	12-DEC-96	~	S	둳
ABB-ES			8	IADL	11-DEC-96	12-DEC-96	v	20	797
ABB-ES			జ	IADK	10-DEC-96	12-DEC-96	~	9	JSL
ABB-ES			క	IADL	11-DEC-96	12-DEC-96	v	9	UGL
ABB-ES			3	Ιğ	10-DEC-96	12-DEC-96	~		껸
ABB-ES			3	IADL	11-DEC-96	12-DEC-96	v		JGL
ABB-ES			æ	IADK	10-DEC-96	12-DEC-96	~		191
ABB-ES			뿐	IADL	11-DEC-96	12-DEC-96	~	90	Jer
ABB-ES			¥	IADK	10-DEC-96	12-DEC-96	~		פר
ABB-ES			~	IADL	11-DEC-96	12-DEC-96	~		널
ABB-ES			¥	IADK	10-DEC-96	12-DEC-96	_	2000	le l
ABB-ES			MG	IADL	11-DEC-96	12-DEC-96	v		널
ABB-ES			¥	18k	10-DEC-96	12-DEC-96	~		101
ABB-ES			¥	IADL	11-DEC-96	12-DEC-96	~	1	걸
ABB-ES			NA	IADK	10-DEC-96	12-DEC-96	~		פר
ABB-ES			NA NA	1APL	11-DEC-96	12-DEC-96	v	2000	널
ABB-ES			I Z	IADK	10-DEC-96	12-DEC-96	~		JGL
ABB-ES			Z	18	11-DEC-96	12-DEC-96	v		JGL
ABB-ES			>	IADK	10-DEC-96	12-DEC-96	~		12
ABB-ES			>	IADL	11-DEC-96	12-DEC-96	~		JGL
ABB-ES			ZN	ZAK	10-DEC-96	12-DEC-96	~		E
ABB-ES			ZN	IADL	11-DEC-96	12-DEC-96	~		19
ABB-ES		SMV1	12DCLB	BAEA	21-NOV-96	27-NOV-96	~		Æ
ABB-ES			12DCLB	BAEA	21-NOV-96	27-NOV-96	~		JGL
ABB-ES			12DCLB	BAEB	09-DEC-96	18-DEC-96	v	10	덩
ABB-ES			12DCLB	BAEB	09-DEC-96	18-DEC-96	v		JGL
ABB-ES			13DCLB	BAEA	21-NOV-96	27-NOV-96	~		면
ABB-ES			13DCLB	BAEA	21-NOV-96	27-NOV-96	v		JG.

METHOD BLANKS (WATER)

Contracton Method Description	IRDMIS Method Code	Test	Lot	Prep Date	Analysis Date	v	Value	Fi
	SEV.1	130CLB	BAEB	09-DEC-96	18-DEC-96		9	
ABB-ES		130CLB	BAEB	96-DEC-96	•	v	2	널
A88-ES		245TCP	BAEA	21-NOV-96	27-NOV-96	~		פר
ABB-ES		245TCP	BAEA	21-NOV-96	27-NOV-96	~		ם
ABB-ES		245TCP	BAEB	99-DEC-96	18-DEC-96	~		
ABB-ES		245TCP	BAEB	99-DEC-96	18-DEC-96	~		5
ABB-ES		246TCP	BAEA	21-NOV-96	27-NOV-96	•		מפו
ABB-ES		246TCP	BAEA	21-NOV-96	27-NOV-96	~		걸
A88-ES		246TCP	BAEB	99-DEC-96	18-DEC-96	~		חפר
ABB-ES		246TCP	BAEB	99-DEC-96	18-DEC-96	~		ופר
ABB-ES		240CLP	BAEA	21-NOV-96	27-NOV-96	~		
ABB-ES		24DCLP	BAEA	21-NOV-96	27-NON-96	~		15
ABB-ES		24DCLP	BAEB	99-DEC-96	18-DEC-96	~		ğ
ABB-ES		24DCLP	BAEB	99-DEC-96	18-DEC-96	~		5
ABB-ES		24DMPN	BAEA	21-NOV-96	27-NOV-96	~		19
ABB-ES		24DMPN	BAEA	21-NOV-96	27-NOV-96	~		3
ABB-ES		24DMPN	BAEB	99-DEC-96	18-DEC-96	~		
ABB-ES		S4DMPN	BAEB	99-DEC-96	18-DEC-96	~		4
ABB-ES		24DNP	BAEA	21-NOV-96	27-NOV-96	~		Ę
ABB-ES		24DNP	BAEA	21-NOV-96	27-NOV-96	•		5
ABB-ES		24DNP	BAEB	96-DEC-96	18-DEC-96	~		a d
ABB-ES		24DNP	BAEB	99-DEC-96	18-DEC-96	•		ig i
ABB-ES		260NT	BAEA	21-NOV-96	27-NOV-96	~		12
ABB-ES		26DNT	BAEA	21-NOV-96	27-NON-96	~		Ę
ABB-ES		26DNT		99-DEC-98	18-DEC-96	~		197
ABB-ES		26DNT	BAEB	99-DEC-96	18-DEC-96	~		ਬ
ABB-ES		2CNAP	BAEA	21-NOV-96	27-NOV-96	~		ত্র
ABB-ES		2CNAP	BAEA	21-HOV-96	27-NOV-96	_		2
ABB-ES		SCHAP	BAEB	96-DEC-96	18-DEC-96	~		2
ABB-ES		2CMP	BAEB	99-DEC-96	18-DEC-96			ē
ABB-ES		SHIAP	BAEA	21-NOV-96	27-NOV-96	~		Ē
V88-E S		SHIND		21-NOV-96	27-NOV-96			2
ABB-ES		SHIMP		96-DEC-96	18-DEC-96	~		2
A68-ES		ZHIMP	BAEB	99-DEC-96	18-DEC-96	~		151
A88 -ES		35	BAEA	21-NOV-96	27-NOV-96	~		19

METHOD BLANKS (WATER)

	IRDMIS	Test	3	Prep	Analysis		:	
רמורו מכרסו שברוסם הפצבו ולבוסו	code	Name	5	Date	Date	,	Value Unit	
S	2	2MP	BAEA	21-NOV-96	27-NOV-96		10 UGL	
ABB-ES		ZMP	BAEB	96-DEC-96	18-DEC-96	~	_	
ABB-ES		2MP	BAEB	09-DEC-96	18-DEC-96	_	_	
ABB-ES		2NANIL	BAEA	21-NOV-96	27-NOV-96	~	_	
ABB-ES		2NANIL	BAEA	21-NOV-96	27-NOV-96	~	_	
ABB-ES		2NANIL	BAEB	09-DEC-96	18-DEC-96	~	_	
ABB-ES		2NANIL		09-DEC-96	18-DEC-96	~	25 UGL	
ABB-ES		ZNP		21-NOV-96	27-NOV-96	~	_	
ABB-ES		ZNP		21-NOV-96	27-NOV-96	~	_	
ABB-ES		SNP		09-DEC-96	18-DEC-96	~	_	
ABB-ES		SNP		09-DEC-96	18-DEC-96	~	_	
ABB-ES		33DCBD		21-NOV-96	27-NOV-96	v	_	
ABB-ES		33DCBD			27-NOV-96	~	10 UGL	
ABB-ES		330CBD		09-DEC-96	18-DEC-96	~		
ABB-ES		330CBD		96-DEC-96	18-DEC-96	~		
ABB-ES		SNANIL		21-NOV-96	27-NOV-96	~		
ABB-ES		3NAN IL		21-NOV-96	27-NOV-96	v		
ABB-ES		3NAN1L		09-DEC-96	18-DEC-96	~		
ABB-ES		SNANIL		09-DEC-96	18-DEC-96	v		
ABB-ES		46DN2C				~	25 UGL	
ABB-ES		46DN2C		21-NOV-96	27-NOV-96	~		
ABB-ES		46DN2C		09-DEC-96	18-DEC-96	~		
ABB-ES		46DN2C		96-DEC-96	18-DEC-96	~	25 UGL	
ABB-ES		4BRPPE		21-NOV-96	27-NOV-96	~	_	
ABB-ES		48RPPE	BAEA	21-NOV-96	27-NOV-96	~	_	
ABB-ES		4BRPPE		96-DEC-60	18-DEC-96	~	_	
ABB-ES		4BRPPE	BAEB		18-DEC-96	~	_	
ABB-ES		4CANIL	BAEA	21-NOV-96	27-NOV-96	~	_	
ABB-ES		4CANIL	BAEA	21-NOV-96	27-NOV-96	~	_	
ABB-ES		4CANIL	BAEB	96-DEC-60	18-DEC-96	~	_	
ABB-ES		4CANIL		09-DEC-96	18-DEC-96	v	_	
ABB-ES		4CLPPE		21-NOV-96	27-NOV-96	~	_	
ABB-ES		4CLPPE	BAEA	21-NOV-96	27-NOV-96	~	_	
ABB-ES		4CLPPE	BAEB	96-DEC-96	18-DEC-96	v	10 UGL	
ABB-ES		4CLPPE	BAEB	96-DEC-60	18-DEC-96	v	_	

HETHOD BLANKS (WATER)

Contractor Method Description	IRDMIS Method Code	Test Name	Š	Prep Date	Analysis Date	·	Value	Ę
VBB-ES	SHV	440	BAEA	21-HOV-98		•	9	ner
A88 -ES		4	BAEA		27-NOV-96	•	9	195
A88-ES		410	BAEB	_		~	2	3
AB B-ES		440	BAEB	_		•		펄
A88-ES		4NANIL	BAEA			~		널
ABB-E S		4NAN1L	BAEA	•		•		5
A88-ES		4NANIL	BAEB	_		~	Ŋ	ğ
A88-ES		4NAN1L	BAEB	_		•		ತ
A88-ES		AMAPYL	BAEA	•		•		5
ABB-ES		ANAPYL	BAEA			~		3
ABB-ES		ANAPYL	BAEB	_		•		9
V8B-E S		ANAPYL	BAEB		18-DEC-96	•	9	널
ABB -ES		ANTRC	BAEA		27-NOV-96	•		ತ
ABB-ES		ANTRC	BAEA		27-NOV-96	~	9	3
A88-ES		ANTRC	BAEB		18-DEC-96	•		ց
ABB-ES		ANTRC	BAEB		18-DEC-96	~	9	폌
A88-ES		B2CEXM	BAEA	21-NOV-96	27-NOV-96	_		3
A88-ES		B2CEXM	BAEA		27-NON-96	~		펄
A88-E S		B2CEXM	BAEB		18-DEC-96	•	9	ਤ
A88-ES		B2CEXM	BAEB		18-DEC-96	•	9	3
ABB-ES		B2CIPE	BAEA		27-NOV-96	•	9	력
A88-ES		B2CIPE	BAEA		27-NON-96	_	9	펄
ABB-ES		B2CIPE	BAEB		18-DEC-96	•		덩
ABB-ES		B2CIPE	BAEB		18-DEC-96	•		ತ
A88-ES		B2CLEE	BAEA	21-HOV-96	27-NON-96	•		ತ
A88-ES		BZCLEE	BAEA		27-HOY-96	•		럴
ABB-ES		B2CLEE	BAEB		18-DEC-96	•		덕
A88-ES		B2CLEE	BAEB		18-DEC-96	~		폌
A88-ES		BZEHP	BAEA			v		궠
ABB-ES		BZEHP	BAEA			~		폌
ABB-ES		BZEHP	BAEB			~		5
A88-ES		BZEHP	BAEB			~		펄
A88-ES		BAANTR	BAEA	21-NOV-96	27-NON-72	v	5	룍
A68-E S		BAANTR	BAEA			•		펄
ABB-ES		BAANTR	BAEB	%-DEC-60	18-DEC-96	•		귤

Table: Appendix K METHOD BLANKS (WATER)

Contractor Method Description	Method	Test Name	Lot	Prep Date	Analysis Date	~	Value	S
, 1 4 4 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	SMV1	BAANTR	BAEB	09-DEC-96	18-DEC-06		10	3
		BAPYR	BAEA	21-NOV-96		· •	20	33
		BAPYR	BAEA	21-NOV-96		v	9	덩
		BAPYR	BAEB	09-DEC-96		~	9	UGL
		BAPYR	BAEB	09-DEC-96		~	9	5
		BBFANT	BAEA	21-NOV-96			2	3 5
		BBFANT	BAEA	21-NOV-96		· •	9	3
		BBFANT	BAEB	09-DEC-96			2	3
		BBFANT	BAEB	09-DEC-96	18-DEC-96	~	9	널
		BBZP	BAEA	21-NOV-96		~	9	25
		BBZP	BAEA	21-NOV-96	27-NOV-96	~	9	널
		BBZP	BAEB	09-DEC-96	18-DEC-96	v	2	널
		BBZP	BAEB	96-DEC-96	18-DEC-96	~	9	펄
		BGHIPY	BAEA	21-NOV-96	27-NOV-96	v	9	ig N
		BGHIPY	BAEA	21-NOV-96	27-NOV-96	~	9	걸
		BGHIPY	BAEB	96-DEC-96	18-DEC-96	~	5	궣
		BGHIPY	BAEB	96-DEC-96	18-DEC-96	v	9	3
		BKFANT	BAEA	21-NOV-96	27-NOV-96	~	9	덩
		BKFANT	BAEA	21-NOV-96	27-NOV-96	~	9	25
		BKFANT	BAEB	09-DEC-96	18-DEC-96	~	9	벌
		BKFANT	BAEB	09-DEC-96	18-DEC-96	~	9	ց
		CARBAZ	BAEA	21-NOV-96	27-NOV-96	~	9	195
		CARBAZ	BAEA	21-NOV-96	27-NOV-96	~	9	펄
		CARBAZ	BAEB	09-DEC-96	18-DEC-96	~	9	널
		CARBAZ	BAEB	09-DEC-96	18-DEC-96	v	9	널
		CHRY	BAEA	21-NOV-96	27-NOV-96	~	9	Jen Jen
		CHRY	BAEA	21-NOV-96	27-NOV-96	~	9	털
		CHRY	BAEB	09-DEC-96	18-DEC-96	~	9	5
		CHRY	BAEB	09-DEC-96	18-DEC-96	~	2	15
		CL68Z	BAEA	21-NOV-96	27-NDV-96	v	9	2
		CL68Z	BAEA	21-NOV-96	27-NOV-96	v	9	2
		CL682	BAEB	09-DEC-96	18-DEC-96	v	9	2
		CL682	BAEB	09-DEC-96	18-DEC-96	v	9	털
		CL6CP	BAEA	21-NOV-96	27-NOV-96	~	9	2
		427 12					2	

METHOD BLANKS (WATER)

4																																			
Value Unit	10 UG	10 UG	10 UG		10 UGL	10 UG	10 UGL	10 UGL	10 UG		10 UGL		10 UGL	_		10 UGL	_	_	10 UGL	10 UG	_	_	_	_	_	10 UG		10 UG.		10 UG	_	_	_	10 UG	10 UGL
Analysis Date <	18-DEC-96 <			27-NOV-96 <		18-DEC-96 <	27-NOV-96 <	27-NOV-96 <	18-DEC-96 <	18-DEC-96 <	27-HOV-96 <	27-HOV-96 <	18-DEC-96 <	18-DEC-96 <	27-HOV-96 ×	27-NOV-96 <	18-DEC-96 <	18-DEC-96 <	27-NOV-96 <	27-NOV-96 <	18-DEC-96 <	18-DEC-96 <	27-NOV-96 <	27-NOV-96 <	18-DEC-96 <	18-DEC-96 <	27-NOV-96 <	27-NOV-96 <	18-DEC-96 <	18-DEC-96 <	27-NOV-96 <	27-NOV-96 <	18-DEC-96 <	18-DEC-96 <	27-NOV-96 <
Prep Date		09-DEC-96		21-NOV-96		99-DEC-96	21-NOV-96	21-NOV-96	99-DEC-96	99-DEC-98	21-NOV-96	21-NOV-96	99-DEC-96	%-DEC-%	21-NOV-96	21-NOV-96	99-DEC-98	99-DEC-98	21-NOV-96	21-HOV-96	99-DEC-96	99-DEC-96	21-KOV-98	21-NOV-98	8-DEC-8	99-DEC-98	21-10-8	21-HOV-96	99-DEC-98	99-DEC-96	21-NOV-96	21-NOV-96	%-DEC-60	_	21-HOV-96
Lot	BAEB	BAEB	BAEA	BAEA	BAEB	BAEB	BAEA	BAEA	BAEB	BAEB	BAEA	BAEA	BAEB	BAEB	BAEA	BAEA	BAEB	BAEB	BAEA	BAEA	BAEB	BAEB	BAEA	BAEA	BAEB	BAEB	BAEA	BAEA	BAEB	BAEB	BAEA	BAEA	BAEB	BAEB	BAEA
Test	CL6CP	CL6CP	CLEET	CLGET	CLGET	CLEET	DBAHA	DBAHA	DBAHA	DBAKA	DBZFUR	DBZFUR	DBZFUR	DBZFUR	DEP	DEP	DEP	DEP	di di	2		<u>#</u>		DINER			9	dONO.	DNO DNO	DNO	FANT	FANT	FANT	FANT	FLRENE
IRDM1S Method Code	SFV1																																		
Contractor Method Description		ABB-ES	ABB-ES	ABB-ES	A88-ES	ABB-ES	ABB-ES	A8 8-ES	ABB-ES	ABB-ES	A88-ES	A88-ES	A88-ES	A88-ES	ABB-E S	A8 8-ES	ABB-E S	V88 -ES	VBB-ES	A88-E S	A88-ES	A88-ES	A88-ES	A88-ES	A88-ES	A88-ES	ABB -ES	ABB-ES	ABB-ES	A88 -ES	A88 -ES	ABB -ES	ABB-ES	ABB-E S	ABB-ES

Table: Appendix K

METHOD BLANKS (WATER)

Contractor Method Description	Method	Test	ţ	Prep	Analysis	,	or ley	<u>.</u>
	2	Nonic	3 :	חמום		, !	Value	5 :
ABB-ES	SMV1	FLRENE	BAEA	21-NOV-96	27-NOV-96	v	5	UGL.
ABB-ES		FLRENE	BAEB	09-DEC-96	18-DEC-96	v	9	널
ABB-ES		FLRENE	BAEB	09-DEC-96	18-DEC-96	v	9	UGL
ABB-ES		HCBD		21-NOV-96	27-NOV-96	v	9	JS Note
ABB-ES		HCBO		21-NOV-96	27-NOV-96	v	5	le le
ABB-ES		HCBD		09-DEC-96	18-DEC-96	v	9	멸
ABB-ES		HCBD		09-DEC-96	18-DEC-96	v	9	UGP.
ABB-ES		ICDPYR	BAEA	21-NOV-96	27-NOV-96	v	9	UGF.
ABB-ES		ICOPYR	BAEA	21-NOV-96	27-NOV-96	v	9	평
ABB-ES		ICDPYR	BAEB	09-DEC-96	18-DEC-96	v	9	Je Je
ABB-ES		ICOPYR.	BAEB	09-DEC-96	18-DEC-96	v	9	멸
ABB-ES		ISOPHR	BAEA	21-NOV-96	27-NOV-96	v	9	덩
ABB-ES		ISOPHR	BAEA	21-NOV-96	27-NOV-96	v	9	널
ABB-ES		ISOPHR		09-DEC-96	18-DEC-96	~	9	Jy Ner
ABB-ES		ISOPHR	BAEB	09-DEC-96		v	9	널
ABB-ES		NAP		21-NOV-96	27-NOV-96	v	9	UGF UGF
ABB-ES		NAP		21-NOV-96	27-NOV-96	v	9	JS Net
ABB-ES		NAP		09-DEC-96	18-DEC-96	v	9	ig j
ABB-ES		NAP		09-DEC-96	18-DEC-96	v	9	걸
ABB-ES		SE SE	BAEA	21-NOV-96		v	2	궠
ABB-ES		92	BAEA	21-NOV-96		v	9	덩
ABB-ES		8	BAEB	09-DEC-96	18-DEC-96	•	9	명
ABB-ES		8 8	BAEB	09-DEC-96	18-DEC-96	v	9	령
ABB-ES		NNDPA		21-NOV-96	27-NOV-96	v	9	램
ABB-ES		NNDPA		21-NOV-96	27-NOV-96	v	5	멸
ABB-ES		NNDPA	BAEB	09-DEC-96	18-DEC-96	v	5	널
ABB-ES		NNDPA	BAEB	09-DEC-96	18-DEC-96	~	9	둳
ABB-ES		PHANTR	BAEA	21-NOV-96	27-NOV-96	~	9	ig N
ABB-ES		PHANTR		21-NOV-96	27-NOV-96	~	10	197
ABB-ES		PHANTR		09-DEC-96	18-DEC-96	v	2	덩
ABB-ES		PHANTR	BAEB	09-DEC-96	18-DEC-96	v	9	UGL
ABB-ES	1,000.1	111105	WACL	12-ner-04	12-05-04	,	-	3
ABB-ES		1111CE	VAFU	12-0FC-96	12-DEC-96			3 2
ABB-ES		111TCE	VAFX	06-DEC-96	14-DEC-96	· •	-	병

METHOD BLANKS (WATER)

Contractor Method Description	Method Code	Test Name	Lot	Prep Date	Analysis Date	v	Value	S it
ABB-ES	VMS1	111TCE	VAFX				-	<u> </u>
		112TCE	VAFU	12-DEC-96	-	•	_	널
		112TCE	VAFU			v		펄
		112TCE	VAFX			v	-	g
		112TCE	VAFX			~	-	5
		110CE	VAFU	12-DEC-96		~	•	9
		11DCE		12-DEC-96	•	•	_	d
		11DCE		96-DEC-96		v	_	125
		110CE		96-DEC-96		•	_	걸
		11DCLE		12-DEC-%	12-DEC-96	~	_	덜
		11DCLE		12-DEC-96		v	-	150
		11DCLE		96-DEC-96		•	-	5
		11DCLE		96-DEC-96	•	•	-	5
		120CE		12-DEC-96		•		걸
		120CE		12-DEC-96		•	-	펄
		120CE		06-DEC-96		•	_	펄
		126G		96-DEC-96	14-DEC-96	v	_	3
		120CLE		12-DEC-96		~	-	털
		120CLE		12-DEC-96		•	-	걸
		120CLE	VAFX	96-DEC-96		v	-	펄
		120CLE	VAFX	06-DEC-96		~	-	덩
		120CLP	VAFU	12-DEC-96	•	•		펄
		120CLP	VAFU	12-DEC-96		v	-	ց
		120CLP	VAFX	96-DEC-96	•	•	-	형
		120CLP	VAFX	96-DEC-96	14-DEC-96	~	-	털
		ACET	VAFU	12-DEC-%	12-DEC-96	•	'n	3
		ACET	VAFU	12-DEC-96	12-DEC-96	~	I	g
		ACET	VAFX	06-DEC-96	14-DEC-96	~	, Lin	5
		ACET	VAFX	06-DEC-96	14-DEC-96	•	100	100
		BRDCLM	VAFU	12-DEC-96	12-DEC-96	~	-	ĕ
		BRDCLM	VAFU	12-DEC-96	12-DEC-96	~	•	9
		BRDCLM	VAFX	96-DEC-90	14-DEC-96	~	•	ij
		BRDCLM	VAFX	06-DEC-96	14-DEC-96	~	_	털
		C130CP	VAF.	12-DEC-96	12-DEC-96	~	_	ĕ
		-					•	

Table: Appendix K

METHOD BLANKS (WATER)

Contractor Method Description	IRDMIS Method Code	Test Name		Prep Date	Analysis Date	v	Value	nit Unit
	VMS1	C130CP	VAFX	06-DEC-96	14-DEC-96		-	- - -
ABB-ES		C130CP	VAFX	06-DEC-96	14-DEC-96	~	_	덩
ABB-ES		C2H3CL	VAFW	12-DEC-96	12-DEC-96 ·	v	-	UGL
ABB-ES		C2H3CL	VAFW	12-DEC-96	12-DEC-96 ·	v	-	JGL
ABB-ES		C2H3CL	VAFX	96-DEC-96	14-DEC-96	~	-	UGL.
ABB-ES		C2H3CL	VAFX	06-DEC-96	14-DEC-96	v	-	JGL
ABB-ES		C2H5CL	VAFW	12-DEC-96	12-DEC-96 ·	v	-	ner
ABB-ES		C2H5CL	VAFW	12-DEC-96	12-DEC-96 ·	v	_	JGL
ABB-ES		CZHSCL	VAFX	06-DEC-96	14-DEC-96 ·	v	_	JOL
ABB-ES		C2H5CL	VAFX	06-DEC-96	14-DEC-96	v	-	JGL
ABB-ES		C6H6		12-DEC-96	12-DEC-96 ·	v	-	ner ner
ABB-ES		C6H6		12-DEC-96	12-DEC-96 ·	v	-	JGL
ABB-ES		C6H6		06-DEC-96	14-DEC-96 ·	v	-	JOL
ABB-ES		С6Н6		96-DEC-90	14-DEC-96 ·	v	-	190
ABB-ES		ככר	VAFW	12-DEC-96	12-DEC-96 ·	v	÷	190
ABB-ES		CCL4		12-DEC-96	12-DEC-96 ·	v	-	JGL
ABB-ES		ככר4		06-DEC-96	14-DEC-96 ·		-	Jer
ABB-ES		CCL4		06-DEC-96	14-DEC-96 ·	v	-	Jer.
ABB-ES		CH2CL2		12-DEC-96	12-DEC-96 ·	v	_	JGL
ABB-ES		CH2CL2		12-DEC-96	12-DEC-96 ·	v	-	JGL
ABB-ES		CH2CL2	VAFX	06-DEC-96	14-DEC-96 •	v	=	JGL
ABB-ES		CH2CL2	VAFX	06-DEC-96	14-DEC-96 ·	v	_	
ABB-ES		CH3BR	VAFW	12-DEC-96	12-DEC-96 ·		-	JGL
ABB-ES		CH3BR	VAFW	12-DEC-96	12-DEC-96 ·	v	_	┏
ABB-ES		CH3BR	VAFX	06-DEC-96	14-DEC-96 •	v	-	701
ABB-ES		CH3BR	VAFX	96-DEC-96	14-DEC-96 ·	v	-	Jer
ABB-ES		CH3CL	VAFW	12-DEC-96	12-DEC-96 ·	v	-	JGL
ABB-ES		CH3CL	VAFW	12-DEC-96	12-DEC-96 ·	v	_	Jer
ABB-ES		CH3CL	VAFX	96-DEC-90	14-DEC-96	v	=	JGL
ABB-ES		CH3CL	VAFX	96-DEC-90	14-DEC-96 •	v	_	781
ABB-ES		CHBR3	VAFW	12-DEC-96	12-DEC-96 •	v	-	JGL
ABB-ES		CHBR3	VAFW	12-DEC-96	12-DEC-96 ·	v	-	JGL
ABB-ES		CHBR3	VAFX	06-DEC-96	14-DEC-96	v	_	JGL
ABB-ES		CHBR3	VAFX	06-DEC-96	14-DEC-96 •	v	_	Jer
ABB-ES		CHCL3	VAFW	12-DEC-96	12-DEC-96 •	v	=	占

METHOD BLANKS (MATER)

MB-ES	Contractor Method Description	IRDMIS Method Code	Test	Lot	Prep Date	Analysis Date	•	Value	S it
CHCL3 VAFX G-DEC-96 14-DEC-96 12-DEC-96 12-DEC	:	VMS1	Curi 3		12-ner-04			*	5
CHCLASS WIFY GG-DEC-96 14-DEC-96 12-DEC-96 12-	ABB-ES		CHO 3		06-DEC-98		, v		3 3
CLCGHS VAFN 12-DEC-96 12-DEC-96 CLCG-96 CLCGHS VAFN 12-DEC-96 12-DEC-96 CLCGHS VAFN 12-DEC-96 12-DEC-96 CLCGHS VAFN 12-DEC-96 12-DEC-96 CLCGHS VAFN 12-DEC-96 12-DEC-96 CS2 VAFN 12-DEC-96 CS2 VAFN 12-DEC-96 CS2 VAFN 12-DEC-96 CS3 VAFN 12-DEC-96 C	ABB-ES		CHCI 3		06-0FC-98	•		_	3 3
CLCGHS VAFY 12-DEC-96 12-DEC-96 CLC-96 CLC-96 CLC-96 CLC-96 CLCGHS VAFY 06-DEC-96 12-DEC-96 CLCGHS VAFY 06-DEC-96 12-DEC-96 CCS CCS VAFY 06-DEC-96 CCS VAFY 06-DEC-96 12-DEC-96 CCS VAFY 06-DEC-96 CCS VAFY	ABB-ES		CLC6HS		12-DEC-95			-	3 2
CLCGAS VARY 08-DEC-96 14-DEC-96 CLCGAS VARY 08-DEC-96 12-DEC-96 CLCGAS VARY 08-DEC-96 CLCGAS VARY 08-DEC-96 CLCGAS VARY 08-DEC-96 CLCGAS VARY 08-DEC-96 CLCGAS	ABB-ES		CI C6H5	VAFU	12-DEC-9		· •		3 2
CLCGHS VAFY 06-DEC-96 14-DEC-96 CCS2 VAFW 12-DEC-96 14-DEC-96 CCS2 CAFF 06-DEC-96 14-DEC-96 CCS2 CCS4 CCS4 CCS4 CCS4 CCS4 CCS4 CCS4	ABB-ES		CLCGHS	VAFX	06-DEC-98	-			3 2
CS2 VAFW 12-DEC-96 12-DEC-96 CS4	ABB-ES		CL CAHS	VAFX	8-0FC-80	14-DEC-98	, ,		3 2
CS2 VAFA 12-DEC-96 12-DEC-96 CS2 CS2 VAFA 06-DEC-96 12-DEC-96 CS2	ABB-ES		CS2		12-DEC-8		, v		3 3
CS2 VAFX 06-DEC-96 14-DEC-96 14-DEC-	ABB-ES		CS2		12-DEC-96			-	<u> </u>
DBRCLM VAFN 12-0EC-96 14-0EC-96 14-0EC-96 14-0EC-96 12-0EC-96 14-0EC-96 12-0EC-96 12-0	A68-ES		CS2		06-DEC-96		•	_	9
DBRCLM VAFW 12-DEC-96 12-DEC-96	ABB-ES		CS2	VAFX	06-DEC-96	•	~	-	9
DBRCLN VAFN 12-DEC-96 12-DEC-96 1	ABB-ES		DBRCLM	VAFU	12-DEC-96		~	_	ğ
DBRCLM VAFX 06-DEC-96 14-DEC-96 1 ETC6M5 VAFW 12-DEC-96 12-DEC-96 1 ETC6M5 VAFW 12-DEC-96 1 ETC6M6 1 ETC6M6 VAFW VAFW 12-DEC-96 1 ETC6M6 1 E	VB 8-ES		DBRCLM	VAFU	12-DEC-96	-	~	-	
ETGAHS VAFM 12-DEC-96 14-DEC-96 ETGAHS VAFM 12-DEC-96 ETGAHS ETGAHS VAFM 12-DEC-96 ETGAHS ETGAHS VAFM 12-DEC-96 ETGAHS	ABB-ES		DBRCLM	VAFX	06-DEC-96	14-DEC-96	~		d
ETCGMS VAFU 12-DEC-96 12-DEC-96	ABB-ES		DBRCLM	VAFX	96-DEC-96	14-DEC-96	~	-	lon non
ETC6H5 VAFW 12-DEC-96 12-DEC-96	ABB-ES		ETC6MS	VAFU	12-DEC-96	12-DEC-96	•	-	197
ETC645 VAFX 06-DEC-96 14-DEC-96 1 NEC645 VAFY 12-DEC-96 12-DEC-96 1 NEC645 VAFY 12-DEC-96 1 NEC645 VAFX 06-DEC-96 12-DEC-96 1 NEC645 VAFX 06-DEC-96 12-DEC-96 1 NEC645 VAFX 06-DEC-96 12-DEC-96 1 NEC VAFX 06-DEC-96 12-DEC-96 1 NEX VAFX 06-DEC-96 1 NEX VAFX	ABB-ES		ETC6H5	VAFU	12-DEC-96	12-DEC-96	~	-	널
FCGM5	ABB-ES		ETC6H5	VAFX	96-DEC-96	14-DEC-96	•	-	널
NECKHS NAFW 12-DEC-96 12-DEC-96 NECKHS NAFW 12-DEC-96 NAFW 12-DE	ABB-ES		ETC6H5	VAFX	96-DEC-96	14-DEC-96	~		펄
NECGH5	ABB-ES		FEC6#5	VAFV	12-DEC-96	12-DEC-96	~	_	ತ
NECAF5 VAFX 06-DEC-96 14-DEC-96 1	ABB-ES		EC635		12-DEC-%	-	~	_	9
MECAH5 VAFX 06-DEC-96 14-DEC-96 14-DEC-96 15-DEC-96 15	ABB-ES		EC6F5	VAFX	26-DEC-96		~	-	ğ
MEK VAFW 12-DEC-96 15 MEK VAFW 12-DEC-96 15 MEK VAFW 12-DEC-96 15 MEK VAFW 12-DEC-96 15 MIBK VAFW 12-DEC-96 15 MARK VAFW 12-DEC-96 15 MARK VAFW 06-DEC-96 15 MA	ABB-ES		FECS#5	VAFX	96-DEC-96		~	-	령
MEK VAFW 12-DEC-96 15 MEK VAFW 06-DEC-96 15 MEK VAFW 06-DEC-96 14 MIBK VAFW 12-DEC-96 15 MIBK VAFW 12-DEC-96 15 MIBK VAFW 12-DEC-96 15 MIBK VAFW 12-DEC-96 15 MIBK VAFW 06-DEC-96 16 MABK VAFW 12-DEC-96 15 MABK VAFW 06-DEC-96 15 M	ABB-ES		¥	VAFU	12-DEC-96		~		걸
NEK VAFX 06-DEC-96 14-DEC-96 15 NEK VAFX 06-DEC-96 14-DEC-96 15 NEK VAFX 06-DEC-96 14-DEC-96 15 NEK VAFX 12-DEC-96 12-DEC-96 15 NEK VAFX 06-DEC-96 14-DEC-96 15 NEK VAFX 06-DEC-96 14-DEC-96 15 NEK VAFX 06-DEC-96 12-DEC-96 15 NEK VAFX 06-DEC-96 14-DEC-96 15 NEX	ABB-ES		¥	VAFU	12-DEC-96	_	~		걸
HEK VAFX 06-DEC-96 14-DEC-96 (15-DEC-96 15-DEC-96	ABB-ES		燕		06-DEC-96	•	~		펄
MIBK VAFW 12-DEC-96 12-DEC-96 < 5 HIBK VAFW 12-DEC-96 12-DEC-96 < 5 HIBK VAFW 12-DEC-96 12-DEC-96 < 5 HIBK VAFW 06-DEC-96 14-DEC-96 < 5 HABK VAFW 12-DEC-96 12-DEC-96 < 5 HABK VAFW 12-DEC-96 12-DEC-96 < 5 HABK VAFW 06-DEC-96 12-DEC-96 < 5 HABK VAFW 06-DEC-96 12-DEC-96 < 5 HABK VAFW 06-DEC-96 14-DEC-96 + 14	ABB-ES		荒		96-DEC-90	14-DEC-96	~		3
MIBK VAFW 12-DEC-96 12-DEC-96 (MIBK VAFX 06-DEC-96 14-DEC-96 (MIBK VAFX 06-DEC-96 14-DEC-96 (MIBK VAFW 12-DEC-96 (MIBK VAFW 12-DEC-96 (MIBK VAFX 06-DEC-96 12-DEC-96 (MIBK VAFX 06-DEC-96 (MIBK	ABB-ES		E		12-DEC-96	12-DEC-96	~	5	5
MIBK VAFX 06-DEC-96 14-DEC-96 < 5 MIBK VAFX 06-DEC-96 14-DEC-96 < 5 MIBK VAFY 12-DEC-96 12-DEC-96 < 5 MIBK VAFY 12-DEC-96 12-DEC-96 < 5 MIBK VAFX 06-DEC-96 14-DEC-96 MIBK VAFX 06-DEC-96 MIBK VAFX 06-DEC-9	ABB-ES		異		12-DEC-96	12-DEC-96	~		1 2
MIBK VAFX 06-DEC-96 14-DEC-96 < 5 MIBK VAFU 12-DEC-96 12-DEC-96 < 5 MIBK VAFU 12-DEC-96 12-DEC-96 < 5 MIBK VAFX 06-DEC-96 14-DEC-96 < 5 MIBK VAFX 06-DEC-96 14-DEC-96 < 5 MIBK VAFX 06-DEC-96 14-DEC-96 < 5	AB 8-ES		五		96-DEC-90	14-DEC-96	~		0
MARK VAFU 12-DEC-96 < 5 MARK VAFU 12-DEC-96 < 5 MARK VAFX 06-DEC-96 14-DEC-96 < 5 MARK VAFX 06-DEC-96 14-DEC-96 < 5 MARK VAFX 06-DEC-96 14-DEC-96 < 5	ABB-ES		X		96-DEC-96	14-DEC-96	~		ĕ
MNBK VAFU 12-DEC-96 < 5 MNBK VAFX 06-DEC-96 14-DEC-96 < 5 MNBK VAFX 06-DEC-96 14-DEC-96 < 5	ABB -ES		美田		12-DEC-96	12-DEC-96	~		100
MARK VAFX 06-DEC-96 4 5 MARK VAFX 06-DEC-96 14-DEC-96 4 5	ABB-ES		¥	VAFU	12-DEC-96	12-DEC-96	~		ğ
MNBK VAFX 06-DEC-96 14-DEC-96 < 5	A88-ES		¥B¥	VAFX	96-DEC-96	14-DEC-96	_		g
	MBB-ES		五天	VAFX	06-DEC-96	14-DEC-96	_	10	ğ

Table: Appendix K

METHOD BLANKS (WATER)

	Method	Test		Pren	Analysis			
Contractor Method Description	Code	Name	Lot	Date	Date	v	Value L	Unit
ABB-ES	VMS1	STYR	VAFW	12-DEC-96	12-DEC-96	: :	1.	5
ABB-ES		STYR	VAFW	•	12-DEC-96	v	7	덩
ABB-ES		STYR	VAFX	_	•	v	_	5
ABB-ES		STYR	VAFX	_	14-DEC-96	v	1	G.
ABB-ES		T130CP	VAFV	12-DEC-96	12-DEC-96	v	_	5
ABB-ES		T130CP	VAFW	-	12-DEC-96	v	7	5
ABB-ES		T130CP	VAFX	O	14-DEC-96	v	_	5
ABB-ES		T130CP	VAFX	J	14-DEC-96	v	_	5
ABB-ES		TCLEA	VAFW	•	12-DEC-96	v	_	덜
ABB-ES		TCLEA	VAFV	•	12-DEC-96	v		5
ABB-ES		TCLEA	VAFX	J	14-DEC-96		_	占
ABB-ES		TCLEA	VAFX	_	_	· •	7	딜
ABB-ES		TCLEE	VAFW	-	_	v	_	占
ABB-ES		TCLEE	VAFW	•	_	v	_	귤
ABB-ES		TCLEE	VAFX	_	14-DEC-96	v	1	5
ABB-ES		TCLEE	VAFX		~	v	_	덜
ABB-ES		TRCLE	VAFU	12-DEC-96	12-DEC-96	v	_	귤
ABB-ES		TRCLE	VAFW		•	v		덛
ABB-ES		TRCLE	VAFX		14-DEC-96	v	_	걸
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TRIP BLANKS

Lot Name Number VAFU 111CE VAFU 110CE VAFU 110CE VAFU 120CE VAFU CASCL VAFU MECCHS VAFU MECCHS VAFU MECCHS VAFU MECCHS VAFU MECCHS VAFU TASCL VAFU TA	IRDMIS Method		Test	IRDMIS Field Sample	-8	Semole	6	Analyeie			STAGO
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110CE TRIP-2 52856-06 04-DEC-96 02-DEC-96 12-DEC-96 10CL TRIP-2 52856-06 04-DEC-96 06-DEC-96 12-DEC-96 10CL CCH3C1 TRIP-2 52856-06 04-DEC-96 12-DEC-96 10CL CCH3C1 TRIP-2 52856-06 04-DEC-96 12-DEC-96 10CL CCH3C1 TRIP-2 52856-06 04-DEC-96 12-DEC-96 12-DEC-96 12-DEC-96 10CL CCH3C1 TRIP-2 52856-06 04-DEC-96 12-DEC-96 12-DEC-96 12-DEC-96 12-DEC		VAFE	112TCE	TRIP-2	52856-06	04-DEC-96	06-DEC-96	12-DEC-96		-	
110CLE TRIP-2 52856-06 04-DEC-96 12-DEC-96 1-DEC-96		VAFU	110CE		52856-06	04-DEC-96	06-DEC-96	12-DEC-96		-	
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CCHSCL TRIP-2 52856-06 04-DEC-96 05-DEC-96 12-DEC-96 1 UGL CHSCL TRIP-2 52856-06 04-DEC-96 05-DEC-96 12-DEC-96 1 UGL CLCAH3 TRIP-2 52856-06 04-DEC-96 05-DEC-96 12-DEC-96 1 UGL CLCAH3 TRIP-2 52856-06 04-DEC-96 05-DEC-96 12-DEC-96 1 UGL CLCAH3 TRIP-2 52856-06 04-DEC-96 05-DEC-96 12-DEC-96 1 UGL ETCCHS TRIP-2 52856-06 04-DEC-96 05-DEC-96 12-DEC-96 1 UGL TRIP-2 52856-06 04-DEC-96 06-DEC-96 12-DEC-96 1 UGL		VAFU	C130CP		52856-06	R-DEC-96	S-PEC-96	12-ner-04		3 5	
CCHSCL TRIP-2 52856-06 04-DEC-96 05-DEC-96 12-DEC-96 1 UGL CCCL4 TRIP-2 52856-06 04-DEC-96 05-DEC-96 12-DEC-96 1 UGL CCL4 TRIP-2 52856-06 04-DEC-96 05-DEC-96 12-DEC-96 1 UGL CH2CL2 TRIP-2 52856-06 04-DEC-96 05-DEC-96 12-DEC-96 1 UGL CH3CL TRIP-2 52856-06 04-DEC-96 06-DEC-96 12-DEC-96 1 UGL CH3CL TRIP-2 52856-06 04-DEC-96 06-DEC-96 12-DEC-96 1 UGL CH3CL TRIP-2 52856-06 04-DEC-96 06-DEC-96 12-DEC-96 1 UGL CLSCA TRIP-2 52856-06 04-DEC-96 06-DEC-96 12-DEC-96 1 UGL CLSCA TRIP-2 52856-06 04-DEC-96 06-DEC-96 12-DEC-96 1 UGL CLSCA TRIP-2 52856-06 04-DEC-96 06-DEC-96 12-DEC-96 1 UGL ETCAH5 TRIP-2 52856-06 04-DEC-96 06-DEC-96 12-DEC-96 1 UGL		VAFU	C2H3CI		52856-04	14-her-94	8-PEC-98	12-25-06	, ,	5	
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CCL4 TRIP-2 52856-06 04-DEC-96 02-DEC-96 12-DEC-96 1 UGL CH3CH TRIP-2 52856-06 04-DEC-96 05-DEC-96 12-DEC-96 1 UGL CH3CH TRIP-2 52856-06 04-DEC-96 05-DEC-96 12-DEC-96 1 UGL CH3CH TRIP-2 52856-06 04-DEC-96 05-DEC-96 12-DEC-96 1 UGL CHCL3 TRIP-2 52856-06 04-DEC-96 05-DEC-96 1 UGL CHCL3 TRIP-2 52856-06 04-DEC-96 05-DEC-96 1 UGL CHCL4S TRIP-2 52856-06 04-DEC-96 05-DEC-96 12-DEC-96 1 UGL CHCL4S TRIP-2 52856-06 04-DEC-96 06-DEC-96 12-DEC-96 1 UGL CHCL4S TRIP-2 52856-06 04-DEC-96 06-DEC-96 12-DEC-96 1 UGL CHCL4S TRIP-2 52856-06 04-DEC-96 06-DEC-96 12-DEC-96 1 UGL		VAFU	C6H6		52856-06	04-DEC-96	32-25-5	12-DEC-28		3 5	
CH2CL2 TRIP-2 52856-06 04-DEC-96 02-DEC-96 12-DEC-96 1 UGL CH3R1 TRIP-2 52856-06 04-DEC-96 06-DEC-96 12-DEC-96 1 UGL CH3CL TRIP-2 52856-06 04-DEC-96 06-DEC-96 12-DEC-96 1 UGL CHCL3 TRIP-2 52856-06 04-DEC-96 06-DEC-96 12-DEC-96 1 UGL CLC645 TRIP-2 52856-06 04-DEC-96 06-DEC-96 12-DEC-96 1 UGL CS2 TRIP-2 52856-06 04-DEC-96 06-DEC-96 12-DEC-96 1 UGL CS2 TRIP-2 52856-06 04-DEC-96 06-DEC-96 12-DEC-96 1 UGL ETC645 TRIP-2 52856-06 04-DEC-96 06-DEC-96 12-DEC-96 1 UGL ETC645 TRIP-2 52856-06 04-DEC-96 06-DEC-96 12-DEC-96 1 UGL MEC TRIP-2 52856-06 04-DEC-96 06-DEC-96 12-DEC-96 1 UGL MIRK TRIP-2 52856-06 04-DEC-96 06-DEC-96 12-DEC-96 1 UGL STYR TRIP-2 52856-06 04-DEC-96 06-DEC-96 12-DEC-96 1 UGL TSIP-2 52856-06 04-DEC-96 06-DEC-96 12-DEC-96 1 UGL TSIP-2 52856-06 04-DEC-96 06-DEC-96 12-DEC-96 1 UGL TSIP-2 52856-06 04-DEC-96 06-DEC-96 12-DEC-96 1 UGL TRIP-2 52856-06 04-DEC-96 06-DEC-96 12-DEC-96 1 UGL		VAFW	ככרל		52856-06	04-DEC-96	S-PEC-80	12-DEC-94		3 3	
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CHSCL TRIP-2 52856-06 Q4-DEC-96 06-DEC-96 12-DEC-96 1 UGL CHCL3 TRIP-2 52856-06 Q4-DEC-96 OB-DEC-96 12-DEC-96 1 UGL CHCL3 TRIP-2 52856-06 Q4-DEC-96 OB-DEC-96 12-DEC-96 1 UGL CLCAM5 TRIP-2 52856-06 Q4-DEC-96 OB-DEC-96 12-DEC-96 1 UGL CLCAM5 TRIP-2 52856-06 Q4-DEC-96 OB-DEC-96 12-DEC-96 1 UGL ETCAM5 TRIP-2 52856-06 Q4-DEC-96 OB-DEC-96 12-DEC-96 1 UGL ETCAM5 TRIP-2 52856-06 Q4-DEC-96 OB-DEC-96 12-DEC-96 1 UGL MECAM5 TRIP-2 52856-06 Q4-DEC-96 OB-DEC-96 12-DEC-96 1 UGL MISK TRIP-2 52856-06 Q4-DEC-96 OB-DEC-96 12-DEC-96 1 UGL STYR TRIP-2 52856-06 Q4-DEC-96 OB-DEC-96 12-DEC-96 1 UGL TTIJOCP TRIP-2 52856-06 Q4-DEC-96 OB-DEC-96 12-DEC-96 1 UGL TTIJOCP TRIP-2 52856-06 Q4-DEC-96 OB-DEC-96 12-DEC-96 1 UGL TTILER TRIP-2 52856-06 Q4-DEC-96 OB-DEC-96 12-DEC-96 1 UGL		VAFU	CH38R		52856-06	94-DEC-96	06-DEC-96	12-DEC-96			
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CS2 TRIP-2 52856-06 04-DEC-96 06-DEC-96 12-DEC-96 (1012) BRICLM TRIP-2 52856-06 04-DEC-96 06-DEC-96 12-DEC-96 (1012) ETCGM5 TRIP-2 52856-06 04-DEC-96 06-DEC-96 12-DEC-96 (1012) MECCM5 TRIP-2 52856-06 04-DEC-96 06-DEC-96 12-DEC-96 (1012) MISK TRIP-2 52856-06 04-DEC-96 06-DEC-96 12-DEC-96 (1012) MISK TRIP-2 52856-06 04-DEC-96 06-DEC-96 12-DEC-96 (1012) STYR TRIP-2 52856-06 04-DEC-96 06-DEC-96 (12-DEC-96 (1012) TITIP-2 52856-06 04-DEC-96 06-DEC-96 (12-DEC-96 (1012) TITIP-3 52856-06 04-DEC-96 06-DEC-96 (12-DEC-96 (1012) TIT		VAFV	CLC6H5		52856-06	04-DEC-96	06-DEC-96	12-DEC-96		1.00	
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Table: Appendix K

RINSE BLANKS

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Sample Date		18-NOV-96 19-NOV-96 19-NOV-96 03-DEC-96 04-DEC-96	18-NOV-96 19-NOV-96 19-NOV-96 03-DEC-96 04-DEC-96	19-NOV-96 18-NOV-96 19-NOV-96 03-DEC-96 04-DEC-96	18-NOV-96 19-NOV-96 19-NOV-96 03-DEC-96 04-DEC-96	03-DEC-96 18-NOV-96 04-DEC-96 19-NOV-96 19-NOV-96	03-DEC-96 19-NOV-96
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Lab Number	52680-02 52856-07 52680-01 52680-03 52856-05	52680-03 52680-02 52680-01 52856-05 52856-07	52680-03 52680-01 52680-02 52856-05 52856-07	52680-02 52680-03 52680-01 52856-05 52856-07	52680-03 52680-02 52680-01 52856-05 52856-05	52856-05 52680-03 52856-07 52680-01 52680-02	52856-05 52680-02
IRDMIS Field Sample Number	RNSWSSO1 RNSWMWO2 RNSWSB02 RNSWSB01 RNSWSB01	RNSWSB01 RNSWSS01 RNSWSB02 RNSWMW01 RNSWMW02	RNSWSB01 RNSWSB02 RNSWSS01 RNSWMW01 RNSWMW02	RNSWSS01 RNSWSB01 RNSWSB02 RNSWMW01 RNSWMW02	RNSWSB01 RNSWSS01 RNSWSB02 RNSWMW01 RNSWMW02	RNSWMW01 RNSWMW02 RNSWMSB02 RNSWSB02 RNSWSS01	RNSWMW01 RNSWSS01
IRDMIS Site ID	RNSWSS01 RNSWMW02 RNSWSB02 RNSWSB01 RNSWMW01	RNSWSB01 RNSWSS01 RNSWSB02 RNSWMW01 RNSWMW02	RNSWSB01 RNSWSB02 RNSWSS01 RNSWMW01 RNSWMW02	RNSWSSO1 RNSWSBO1 RNSWMW01 RNSWMW02	RNSWSB01 RNSWSS01 RNSWSB02 RNSWMW01 RNSWMW02	RNSMMO1 RNSMSB01 RNSMMO2 RNSMSB02 RNSMSS01	RNSWMW01 RNSWSS01
IRDMIS Method Code	DRO	GPB1	GRO	GSE1	GTL1	НGС1	1CM1
Contractor Method Description							
Contracto	ABB-ES ABB-ES ABB-ES ABB-ES ABB-ES	ABB-ES ABB-ES ABB-ES ABB-ES ABB-ES	ABB-ES ABB-ES ABB-ES ABB-ES ABB-ES	ABB-ES ABB-ES ABB-ES ABB-ES ABB-ES	ABB-ES ABB-ES ABB-ES ABB-ES ABB-ES	ABB-ES ABB-ES ABB-ES ABB-ES ABB-ES	ABB-ES ABB-ES

RINSE BLANKS

CONT	Method Code	IRDMIS Site ID	Field Sample Number	Lab Number	Test	Lot	Sample Date	Analysis Date	~	Value	J
RISSARBO1 RISSARMO2 S2856-07 AS WABL 18-NVY-96 17-DEC-96 RISSARMO2 RISSARMO2 S2856-07 AS WABL 18-NVY-96 17-DEC-96 RISSARMO2 S2856-07 BE WABL 19-NVY-96 17-DEC-96 RISSARMO2 S2856-07 AL IADL 19-NVY-96 17-DEC-96 RISSARMO2 S2856-07 AL IADL 19-NVY-96 12-DEC-96 RISSARMO2 S2856-07 BI IADL 19-NVY-96 12-DEC-96 RISSARMO2 S2856	 10 <u>H</u>	RNS4/SB02	RNSWSB02	52680-01	AS	¥	19-NOV-96		; v	2	9
RISSARMOZ RISSAMAZO 28856-07 AS WARR GA-DEC-96 IB-DEC-96 RISSARMOZ RISSAMAZO 1 SERS6-07 AS WARR GA-DEC-96 IT-DEC-96 RISSARMOZ RISSAMAZO 1 SERS6-07 BE WARR 19-WVY-96 IT-DEC-96 RISSAMAZO 1 SERS6-07 DE MARR 19-WVY-96 IT-DEC-96 RISSAMAZO		RNSWSB01	RNSWSB01	52680-03		MBL.	18-NOV-96		×	2	3
RISSARAO1 RISSARAO1 S2856-05 BE WABL 19-WV-96 17-DEC-96 RISSARAO1 RISSARAO1 RISSARAO1 RISSARAO1 RISSARAO2 RISSARAO3		RNS4M02	RNSIMMO2	52856-07			04-DEC-96		v 92	2	형
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Test Name	28888888888899999#####~~~~~~~~~~~~~~~~~~
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IRDMIS Field Sample Number	RNShmuoz RNS
IRDMIS Site ID	RNSKMUOZ RNSKMUOZ RNSKMUOZ RNSKMSOJ RNSKMSOJ RNSKMUOZ RNSKMUOZ RNSKMUOZ RNSKMUOZ RNSKMUOZ RNSKMSOJ RNSKMUOZ RNSKMSOJ RNSKMUOZ RNSKMSOJ RNSKMUOZ RNSKMSOJ RNSKMUOZ RNSKMSOJ RNSKMUOZ RNSKMSOJ
IRDMIS Method Code	200
Contractor Method Description	
Contractor	ABB - ES ABB - ES

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Contractor Method Description	IRDMIS Method Code	IRDMIS Site ID	IRDMIS Field Sample Number	Lab Number	Test Name	ţo.	Sample Date	Analysis Date		Value U	Spit t
	ICP2	RNS4SB01	RNSWSB01	52680-03	≨	Ž	18-NOV-96	12-DEC-96		-	200
ABB-ES		RNS#SB02	RNSWSB02	52680-01	¥	IADK	19-NOV-96	12-DEC-96	~	2000	100
ABB-ES		RNS4SS01	RNSWSS01	52680-02	ş	1APK	19-NOV-95	12-DEC-96	~		병
ABB-ES		RNSI-HO1	RNSIAMO1	52856-05	H	₹	03-DEC-96	12-DEC-96	~	_	ෂ
ABB-ES		RNS#MO2	RNSIM02	52856-07	Ħ		04-DEC-96	12-DEC-96	~		ਰ
ABB-ES		RNS4SB01	RNSWSB01	52680-03	H		18-NOV-96	12-DEC-96	~		<u>ਰ</u>
ABB-ES		RNS4SB02	RNSWSB02	52680-01	I		19-NOV-96	12-DEC-96	~		13
ABB-ES		RNS4SS01	RNSUSS01	52680-02	Ħ		19-NOV-96	12-DEC-96	~		ਰ
ABB-ES		RNS#M02	RNS4M02	52856-07	>		94-DEC-98	12-DEC-96	~		ie
ABB-ES		RNS4SB01	RNSWSB01	52680-03	>		18-NOV-96	12-DEC-96			ا ا
ABB-ES		RNS4SB02	RNS4SB02	52680-01	>	Ž	19-NOV-96	12-DEC-96			l e
ABB-ES		RNSIMMO1	RNSLML01	52856-05	>		03-DEC-96	12-DEC-96			l e
ABB-ES		RNS#SS01	RNS4SS01	52680-02	>		19-NOV-96	12-DEC-96			l e
VBB-E S		RNS4401	RNSI-FLO1	52856-05	73		03-DEC-96	12-DEC-98			1 3
ABB-ES		RNS-PALO2	RNS18402	52856-07	75	9	76-0-C	12-PEC-94			1 2
ABB-ES		RNS4SB01	RNSL/SB01	52680-03	ZN		18-M-94	12-per-8	, ,		3 2
ABB-ES		RNS4/SB02	RNS4SB02	52680-01	7.		10-10-01	12-DEC-92	′ •		1 2
ABB-ES		RNSWS501	RNS#SS01	52680-02	7.		19-MOV-95	12-PFC-8	, ,	25	털
					i			2	,	-	ś
ABB-ES	SHV1	RNS4SB02	RNSWSB02	52680-01	124TCB		19-NOV-96	27-MOV-96	•	_	2
VB8-ES		RNS4/SB01	RNSWSB01	52680-03	_	PAFA	18-NOV-94	27-MOV-95			d a
ABB-ES		RNS4SS01	RNS4SS01	52680-02	_		10-NOV-05	27-MOV-95			i e
A68 -ES		RNSIMO1	RNSI-MOT	52856-05	-		03-DEC-96	13-DEC-96			d 2
VBB-E S		RNS4402	RNSI-FILO2	52856-07	_		04-DEC-96	13-DEC-96			l e
ABB-ES		RNS4SB02	RNSWSB02	52680-01	-		19-NOV-96	27-MOV-96			l e
AB 8-ES		RNS4SB01	RNS4SB01	52680-03	_		18-NOV-96	27-NOV-96			l e
VBB-E S		RNS4SS01	RNS4SS01	52680-02	120CLB	BAEA	19-MOV-96	27-MOV-96			l e
ABB-ES		RNSLALOT	RNSIA-01	52856-05	-	BAEB	03-DEC-96	13-DEC-96			ie
ABB-E S		RNSLML02	RNSIMMO2	52856-07	-	BAEB	04-DEC-96	13-DEC-96			i e
ABB-ES		RNS4SB02	RNS4SB02	52680-01	_	BAEA	19-NOV-96	27-MOV-96			l a
ABB-ES		RNS4SB01	RNS4SB01	52680-03	_		18-NDV-96	27-MOV-96			le
VBB-E S		RNS4SS01	RNSWSS01	52680-02	•		19-NON-96	27-MOV-96			l e
A88-ES		RNSLANDI	RNSIMMO1	52856-05	_	BAEB	03-DEC-96	13-DEC-96			l e
ABB-ES		RNSIMMO2	RNSIMM02	52856-07	_		04-DEC-96	13-DEC-96	~		d
ABB-ES		RNSWSB02	RNS#SB02	52680-01	•		19-NON-96	27-NOV-96	~		le
AB8-ES		RNSWSB01	RNSWSB01	52680-03	140CLB		18-NOV-96	27-NOV-96			d e
ABB-ES		RNS4SS01	RNSWSS01	52680-02	140CLB		19-NON-96	27-NOV-96			iz
ABB-ES		RNS4401	RNSLAGLO1	52856-05	140CLB	BAEB	03-DEC-96	13-DEC-96		10 U	ց

RINSE BLANKS FT. ALLEN

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Contractor Method Description	IRDMIS Method Code	IRDMIS Site ID	IRDMIS Field Sample Number	Lab Number	Test	Lot	Sample Date	Analysis Date	v	vales
ABB-ES	CMV1	DNOLANIOS	COLIMESTICS	E 30E 2 0.7						
ABB-ES		RNSWSB02	RNSWSB02	52630-07	140CLB 245TCP	BAEB	10-10-10-96	-	v 1	
ABB-ES		PNSUSB01	DINCINCED 1	52680-02	2/5TC	¥ 1 4 0	19 NOV 90		,	
ABB-ES		DIGIECO1	DAICH COOL	22000-03	27.57.07	BAEA	18-NUV-90	27-NOV-75	~	
A88-FS		DOCUMONS DOCUMONS	KNSWSSC	20-00020		BAEA	19-NON-95	27-NOV-96	v	
ABB-EC		KNSMMO	KNSHMU	52856-05		BAEB	03-DEC-96	•	~	
ABB-ES		KNSMMOZ	RNSWM02	52856-07		BAEB	04-DEC-96		v	
A50-E3		RNSWSB02	RNSWSB02	52680-01	246TCP	BAEA	19-NOV-95	27-NOV-96	~	
ABB-ES		RNSMSS01	RNSMSS01	52680-02	246TCP	BAEA	19-NOV-96	27-NDV-96	~	10 1101
ABB-ES		RNSWSB01	RNSWSB01	52680-03	246TCP	BAEA	18-NOV-96	27-NOV-96		
ABB-ES		RNSWM01	RNSWM01	52856-05		BAEB	03-DEC-96	13-DFC-96		
ABB-ES		RNSWM02	RNSWM02	52856-07	246TCP	BAEB	04-DEC-96			
ABB-ES		RNSWSB02	RNSWSB02	52680-01	240CLP	BAEA	19-NOV-96			15
ABB-ES		RNSMSB01	RNSWSB01	52680-03	24DCI P	RAFA	18-NOV-96	27-MOV-06	, ,	
ABB-ES		RNSWSS01	RNSWSS01	52680-02	240CLP	BAFA	19-NOV-96	27-NOV-96	, .	100
ABB-ES		RNS/MWO1	RNSWM01	52856-05	•	_	03-DEC-96	13-DEC-06	, .	
ABB-ES		RNSMM02	RNSWM02	52856-07		BAFB	04-DEC-96	13-DEC-96	, .	
ABB-ES		RNSWSB02	RNSWSB02	52680-01		BAEA	19-NOV-96	27-NOV-96	, ,	100
ABB-ES		RNSMSS01	RNSWSS01	52680-02	•••	BAEA	19-NOV-96	27-NDV-96		15 15 15 15 15 15 15 15 15 15 15 15 15 1
ABB-ES		RNSWSB01	RNSWSB01	52680-03		-		27-NOV-96		
ABB-ES		RNSWMW01	RNSWM01	52856-05	24DMPN	BAEB	33-DEC-96	13-DEC-96		
ABB-ES		RNSWM02	RNSWM02	52856-07	24DMPN	BAEB	04-DEC-96	13-DEC-96		
ABB-ES		RNSWSB02	RNSWSB02	52680-01	24DNP	BAEA	19-NOV-96	27-NOV-96		
ABB-ES		RNSWSB01	RNSWSB01	52680-03		BAEA	18-NOV-96	27-NOV-96		3 K
ABB-ES		RNSMSS01	RNSWSS01	52680-02			19-NOV-96	27-NOV-96		
ABB-ES		RNSIMM01	RNSI-MO1	52856-05			3-DEC-96	13-DEC-96		
ABB-ES		RNSWM02	RNSMM02	52856-07			04-DEC-06	13-DEC-06		
ABB-ES		RNSWSB02	RNSWSB02	52680-01	24DNT		19-NOV-96	27-MOV-04		
ABB-ES		RNSWSB01	RNSWSB01	52680-03	24DNT			27-MOV-04		
ABB-ES		RNSWSS01	RNSWSS01	52680-02	240MT			27-MOV-70		
ABB-ES		RNSI-MU01	RNSLMUOT	52856-05	240MT	DAFE	12-DEC-04	12 PEC 04		10 CE
ABB-ES		RNSLAMUD	DMSIMINO	52854-07	240NT		07-050	13-DEC-90		
ABB-ES		PNSUSBOS	DNCHCDO	52480-01	24011		4-DEC-96	13-DEC-90 4		
ABB-ES		DNG CED 1	DAICH LODGE	0-00070	1000 1000			V 96-AON-JZ		
ABB-ES		DNC/ICCO1	NASWSBO	22680-03	NOO2			27-NOV-96		10 UGL
488-ES		DISTANDA	DAIS MANDE	20000-02	NOON I	,	19-NOV-96	27-NOV-96		
ABB-ES		DISCIPLING	DISTRICT	52656-05	ואסט		03-DEC-96	13-DEC-96 <		
488-FS		DING ICOCO	COCCIONO	70-0020	SOUNI Souni	_		13-DEC-96 <		
ABR-FS		ZOGOWSKY	KNSMSBOZ	22680-01	ACL P	_		27-NOV-96 <		
		N N N N N N N N N N N N N N N N N N N	KNOMOBOL	22080-03	ACL P	BAEA	18-NOV-96	27-NOV-96 <		

RINSE BLANKS FT. ALLEN

r Method D	Method Code	IRDMIS Site ID	Sample	Lab	Test Name	Lot	Sample Date	Analysis Date	•	Value Unit
NBB-ES	SHV1	RNSWSS01	RNS#SS01	52680-02	ZCLP	BAEA	19-NOV-96	27-NOV-96	. v	10 UG
S3-89		RNS4401	RESIDENO!	52856-05		BAEB	03-DEC-96	13-DEC-96	v	
188-ES		RNSMM02	RESIDENCE	52856-07	• •	BAEB	8-0EC-8	13-DEC-96	v	
68 -ES		RNS4SB02	RNSWSB02	52680-01		BAEA	19-NOV-96	27-NOV-96	v	
188-ES		RNS#SS01	RNSUSS01	52680-02		BAEA	19-NOV-95		v	
MBB-ES		RNSASB01	RNSWSB01	52680-03	•	BAEA	18-NOV-96		v	
MAB-ES		RNSLALOT	RNSLAND1	52856-05	2CMAP	BAEB	03-DEC-96	13-DEC-96	v	
A88-ES		RNSLAW02	RNSLP402	52856-07		BAEB	S-DEC-98	13-DEC-96	v	
A88-ES		RNSLS802	RNSWSB02	52680-01	•	BAEA	19-NOV-96	27-NOV-96	v	
S3-88		RNS4SB01	RNSWSB01	52680-03		BAEA	18-NOV-96	27-NOV-96	٧	
188-ES		RNS4SS01	RNSWSS01	52680-02		BAEA	19-NON-95	27-NOV-96	v	
M88-ES		RNS FEOT	RNSLANDI	52856-05		BAEB	03-DEC-96	13-DEC-96	٧	
ABB-ES		RNSHM02	RNSW-MO2	52856-07		BAEB	94-DEC-96	13-DEC-96	٧	
WB-ES		RNS4SB02	RNSWSB02	52680-01	45	BAEA	19-NOV-95	27-NOV-96	v	
ABB-ES		RNSWS501	RNSWSS01	52680-02	2	BAEA	19-NOV-96	27-NOV-96	٧	
88-ES		RNSWSB01	RNS4SB01	52680-03		BAEA	18-NOV-96	27-NON-92	٧	
168-ES		RNSLALOT	RNSLALOT	52856-05	45	BAEB	03-DEC-96	13-DEC-96	٧	
ABB-ES		RNS4M02	RNSIM-02	52856-07		BAEB	04-DEC-96	13-DEC-96	v	
8-ES		RNS4SB02	RNSWSB02	52680-01		BAEA	19-NOV-96	27-NOV-96	v	
ABB-ES		RNSWSB01	RNS4SB01	52680-03		BAEA	18-MOV-96	27-1104-92	٧	
AB8-ES		RNSWSS01	RNS4SS01	52680-02		BREA	19-NON-96	27-104-52	v	
ABB- ES		RNSLP4401	RNS4F401	52856-05		BAEB	03-DEC-96	13-DEC-96	v	13 13 13 13 13 13 13 13 13 13 13 13 13 1
ABB-ES		RNSLM102	RNSIPPROS	52856-07			8-DEC-8	13-DEC-92	v	
188-ES		RNS4SB02	RNSWSB02	52680-01	ZHD	BAEA	19-NOV-96	27-NOV-92	٧	
188-ES		RNS4SB01	RNS4SB01	52680-03	SE	BREA	18-NOV-96	27-NOV-96	٧	
ABB-ES		RNS4SS01	RNSNSS01	52680-02		BAEA	19-NOV-96	27-NON-92	v	
ABB-ES		RNSLM101	RNS14401	52856-05	-	BAEB		13-DEC-92	v	
ABB-ES		RNS4402	RNS14402	52856-07		BAEB		13-DEC-96	٧	
ABB-ES		RNS4SB02	RNS4SB02	52680-01	330CB0	BAEA			v	
S3-88		RNS4SB01	RNS4SB01	52680-03		BAEA			v	
ABB-ES		RNS4SS01	RNS4SS01	52680-02		BAEA			v	
A88-ES		RNSLP401	RNS4401	52856-05	.,	BAEB		•	v	
S3-88		RNSLALI02	RNSIAM02	52856-07		BAEB			×	
188-ES		RNSI-SB02	RNS4SB02	52680-01		BAEA	19-NOV-96	27-NOV-96	٧	
88-ES		RNS4SB01	RNSWSB01	52680-03	SKANIL	BAEA			v	
188-ES		RNSIASS01	RNS4SS01	52680-02	SHANIL	BAEA		27-NOV-	٧	
S3-88-E2		RNSIALO1	RNS-LED1	52856-05	SMANTL	BAEB	03-DEC-96		٧	

Table: Appendix K RINSE BLANKS

Value Unit	25 UGL				20 CE			10 UG						10 UGL					10 UGL					10 UGL					10 UGL						_	25 UGL	_
Analysis Date <			-		76 13-UEU-96 <		> 57 VON -25 96 > 96 - NON -26 96							% 13-DEC-96 <			> 52-NOV-96 <	% 13-DEC-96 <	% 13-DEC-96 <	% 27-NOV-96 <	% 27-NOV-96 <			% 13-DEC-96 <		-		% 13-DEC-96 <					•		> 52-NOV-96 >	-	> 96 - NON - 25 <
Sample Date					8 U4-DEC-90		•	_	_	•	•	-	_	$\overline{}$		•			B 04-DEC-96		•	-	_	_	-	•	-	_	_	*	•	•	_	_		-	A 18-NOV-96
Lot	BAEA	BAEA	BAEA	BACE	BARB BARB	RAFA	BAEA	BAEB	BAEB	BAEA	BAEA	BAEA	BAE	BAEB	BAEA	BAE	BAEA	BAEB	BAEB	BAEA	BAEA	BAEA	BAEB	BAEB	BAE	BAEA	BAEA	BAEB	BAEB	BAEA	BAEA	BAEA	BAEB	BAEB	BAEA	BAE	BAEA
Test	46DN2C		-		400NZC	ABDDE A				4CANIL	4CANIL			4CANIL	4CL3C	4CL3C				4CLPPE	4CLPPE	4CLPPE	4CLPPE	4CLPPE				4MP	4MP	4NANIL		-			4NP	4NP	4NP
Lab Number	52680-01	52680-03	52680-02	27826-03	52690-07	52680-03	52680-02	52856-05	52856-07	52680-01	52680-03	52680-02	52856-05	52856-07	52680-01	52680-03	52680-02	52856-05	52856-07	52680-01	52680-03	52680-02	52856-05	52856-07	52680-01	52680-02	52680-03	52856-05	52856-07	52680-01	52680-03	52680-02	52856-05	52856-07	52680-01	52680-02	52680-03
IRDMIS Field Sample Number	RNSWSB02	RNSWSB01	KNSWSS01	KNSWMOL	CUGANCIA	DISCUSSION OF THE PROPERTY OF	RNSWSS01	RNSWM01	RNSWM02	RNSWSB02	RNSWSB01	RNSWSS01	RNSWMWO1	RNSWM02	RNSWSB02	RNSWSB01	RNSWSS01	RNSWM01	RNSWM02	RNSWSB02	RNSWSB01	RNSWSS01	RNSWMDJ	RNSWM02	RNSWSB02	RNSWSS01	RNSWSB01	RNSWMOJ	RNSWM02	RNSWSB02	RNSWSB01	RNSWSS01	RNSWMW01	RNSWM02	RNSWSB02	RNSWSS01	RNSWSB01
IRDMIS Site ID	RNSWSB02	RNSWSB01	KNSWSS01	KNSMMO	KNSWMWOZ	PNSUSB01	RNSWSS01	RNSWM01	RNSWM02	RNSWSB02	RNSWSB01	RNSMSS01	RNSHMW01	RNSWM02	RNSWSB02	RNSWSB01	RNSMSS01	RNSWM01	RNSIMM02	RNSWSB02	RNSWSB01	RNSWSS01	RNSWM01	RNSWMW02	RNSMSB02	RNSWSS01	RNSWSB01	RNSWW01	RNSWM02	RNSWSB02	RNSWSB01	RNSWSS01	RNSWM01	RNSWM02	RNSWSB02	RNSWSS01	RNSWSB01
IRDMIS Method Code	SMV1																																				
Contractor Method Description	ABB-ES	ABB-ES	ABB-ES	ABB-ES	ABB-ES	A88-FS	ABB-ES	ABB-ES	ABB-ES	ABB-ES	ABB-ES	ABB-ES	ABB-ES	ABB-ES	ABB-ES	ABB-ES	ABB-ES	ABB-ES	ABB-ES	ABB-ES	ABB-ES	ABB-ES	ABB-ES	ABB-ES	ABB-ES	ABB-ES	ABB-ES	ABB-ES	ABB-ES	ABB-ES	ABB-ES	ABB-ES	ABB-ES	ABB-ES	ABB-ES	ABB-ES	ABB-ES

RINSE BLANKS

			IROMIS								
Contractor Method Description	Method Code	IRDMIS Site ID	Field Sample Number	Lab Number	Test	Lot	Sample Date	Analysis Date	v	Vatue	<u>Unit</u>
ABB-ES	SHV1	RNSLANOT	RNSIAMO1	52856-05	4NP	BAEB	03-DEC-96	13-DEC-96		25	g
ABB-ES		RNSI-MO2	RNSWM02	52856-07	-	BAEB	94-DEC-98		v	8	3
ABB-ES		RNS4SB02	RNSWSB02	52680-01	ANAPNE	BAEA	19-WOV-96		•	5	2
A88 -ES		RNSWSB01	RNSWSB01	52680-03	ANAPNE		18-VOV-96	27-MOV-96		2 5	3 3
A88-ES		RNS4SS01	RNSMSS01	52680-02			10-NOV-94			2	3 3
ABB-ES		RNS.M.O.	RNSLANOT	52856-05			13-PEC-94		, v	2 5	3 3
A88-ES		RNS-MIO2	RNSLA-02	52856-07			8-PEC-86	13-050	, v	2 5	3 3
A88-ES		RNSWSB02	RNSWSB02	52680-01	AMAPYL		19-MOV-96	27-162-8	, v	2 5	3 2
A88-E S		RNS4SB01	RNSWSB01	52680-03			18-NOV-96	27-MOV-96		25	3 3
ABB-ES		RNSWSS01	RNSWS501	52680-02	_	BAEA	19-MOV-96	27-MOV-96		5	털
A88-ES		RNSLPHO1	RNSI-FLO1	52856-05		BAEB	03-DEC-96	13-DEC-96	· •	2	3 3
V88 -ES		RNSLM102	RNSI-MO2	52856-07		BAEB	04-DEC-98	13-DEC-96		2 5	3 3
ABB-ES		RNSWSB02	RNS4SB02	52680-01	ANTRC	BAEA	19-NOV-96	27-MOV-96		2	3 2
A88-ES		RNS48801	RNSWSB01	52680-03		PAEA	18-NOV-96	27-MOV-96	· •	2 9	3 2
A88-ES		RNS4SS01	RNSWS501	52680-02	_	BAEA	19-NOV-96	27-NOV-96		5	2
VBB -ES		RNSIMMO1	RNSI-FLOT	52856-05		BAEB	03-DEC-96	13-DEC-96	· •		3 2
VBB-E S		RNSJAGO2	RNSI-MIO2	52856-07		BAEB	8-05-8	13-DEC-96	· •	2 6	2
A88-ES		RNSWSB02	RNSWSB02	52680-01	_	BAEA	19-NOV-96	27-NOV-96	· •		널
ABB-ES		RNS4SB01	RNSWSB01	52680-03		BAEA	18-NOV-96	27-NOV-96	v		2
ABB-ES		RNS4SS01	RNSWSS01	52680-02		BAEA	19-NOV-95	27-NOV-96	•	2	g
ABB-ES		RNSI-MOT	RNSLANDI	52856-05	B2CEXM	BAEB	03-DEC-96	13-DEC-96	~		100
ABB-ES		RNS4M02	RNSI-MIO2	52856-07		BAEB	8-DEC-8	13-DEC-96	•		2
ABB-ES		RNSWSB02	RNSWSB02	52680-01		BAEA	19-NOV-96	27-NOV-96	~		2
ABB-ES		RNS4SB01	RNSI/SB01	52680-03		BAEA	18-NOV-96	27-NOV-96	~		3
ABB-ES		RNS4SS01	RNSUSS01	52680-02		BAEA	19-NON-95	27-NOV-96	•		령
ABB-ES		RNSI-MO2	RNSI-MO2	52856-07	B2CIPE	BAEB	04-DEC-96	13-DEC-96	•		3
ABB-ES		RNSIMO1	RNSI-FLO1	52856-05		BAEB	03-DEC-96	13-DEC-96	~		덩
ABB-ES		RNS#SB02	RNS4SB02	52680-01		BAEA	19-NOV-96	27-NOV-96	~		형
768-E S		RNS4SB01	RNSL/SB01	52680-03		BREA	18-NON-96	27-NOV-96	•		헐
ABB-ES		RNSWS501	RESESSO1	52680-02		BAEA	19-NON-95	27-NON-96	•	9	펄
ABB-ES		RNSI-MOS	RNSI-MOS	52856-07		BAEB	04-DEC-96	13-DEC-96	~		명
ABB-ES		RNSI-FLO1	RNS4401	52856-05	BZCLEE	BAEB	3-DEC-96	13-DEC-96	~		3
ABB-ES		RNS4SB02	RNS4SB02	52680-01	BZEIP		19-NDN-96	27-NOV-96	•	×	형
A68-ES		RNS4SS01	RNSISSO1	52680-02	BZEHP		19-NON-95	27-NOV-96	•	_	펄
ABB-ES		RNS4SB01	RNSWSB01	52680-03	BZEHP	BAEA	18-NOV-96	27-NOV-96	•		펄
ABB-ES		RNSI-MO2	RNSIAMO2	52856-07	82EHP		24-DEC-96	13-DEC-96	~	_	펄
ABB-ES		RNSI-MOT	RNSI-MO1	52856-05	BZEIP		03-DEC-96		~	32	형
ABB-ES		RNS4SB02	RNSWS802	52680-01	BAANTR	BAEA	19-NOV-96	27-HOV-96	v	9	펄

RINSE BLANKS

Value Unit	- 6555555555555555555555555555555555555
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s. V	;
Analysis Date	27-NOV-96 13-DEC-96
Sample Date	13-NOV-96 13-NOV
Lot	BAEB BAEB BAEB BAEB BAEB BAEB BAEB BAEB
Test Name	BAANTR BAANTR BAANTR BAANTR BAPYR BA
Lab Number	52880-03 528
IRDMIS Field Sample Number	RNSWAMOT RNSWAMOT RNSWAMOT RNSWASOT RNSWASOT RNSWASOT RNSWAMOT RNSWAMOT RNSWAMOT RNSWAMOT RNSWAMOT RNSWAMOT RNSWASOT RNSWASOT RNSWAMOT
IRDMIS Site ID	RNSWSOUT RNS
IRDMIS Method Code	SW(1
Contractor Method Description	
Contracto	ABB-ES

RINSE BLANKS

Contractor Method Description	IRDMIS Method Code	IRDMIS Site ID	IRDMIS Field Sample Number	Lab Number	Test Name		Sample Date	Analysis Date	٧	Value	Sit	
	SHV1	RNSLPALOT	RNSLAND1	52856-05	CHRY	BAEB	03-DEC-96		: v : x	5	렬	
ABB-ES		RNS#SB02	RNSWSB02	52680-01			19-NOV-96		v 92	5		
ABB-ES		RNS4SB01	RNSWSB01	52680-03	CL682	BAEA	18-NOV-96	27-NOV-96	v Se	2		
ABB-ES		RNS#SS01	RNSWSS01	52680-02			19-NOV-96	27-NOV-9	v 92	5		
V8B -ES		RNS4M02	RNS4402	52856-07		BAEB	8-DEC-8	13-DEC-96	v 92	9		
A88-ES		RNSLALOT	RNS4401	52856-05			03-DEC-96	13-DEC-9	v 92	5		
V8 8-ES		RNS4/SB02	RNSWSB02	52680-01			19-NOV-96	27-NOV-96	%	5		
ABB-ES		RNS4SB01	RNSWS801	52680-03			18-NOV-96	•	× •	5		
ABB-ES		RNS4SS01	RNSWSS01	52680-02			19-NOV-95	27-NOV-5	v Se	5		
V88-ES		RNSI-MO2	RNSIMM02	52856-07	CL6CP		94-DEC-98	13-DEC-96	v 92	5		
ABB-ES		RNSLPLO1	RNSW#101	52856-05			03-DEC-96	13-DEC-5	%	5		
ABB-ES		RNS4SB02	RNSWSB02	52680-01		BAEA	19-NON-95	27-NOV-96	v 92	5		
ABB-ES		RNS4/SB01	RNSWSB01	52680-03	CLEET	BAEA	18-NON-96	27-NOV-5	v 92	2		
ABB-ES		RNS4SS01	RNSWSS01	52680-02		BAEA	19-NOV-95	27-NOV-5	× ×	5		
A88 -ES		RNSIMM02	RNS4402	52856-07		BAEB	04-DEC-96	13-DEC-96	v 92	5		
VBB -ES		RNS-MO1	RNSW-NO1	52856-05		BAEB	03-DEC-96	13-DEC-9	v 92	5		
A88-ES		RNS4SB02	RNSWSB02	52680-01		BAEA	19-NOV-96	27-HOV-5	v 92	5		
A88-ES		RNS4/SB01	RNSWSB01	52680-03			18-NOV-96	27-NOV-96	v 92	5		
A88-ES		RNS4SS01	RNSWSS01	52680-02		BAEA	19-NOV-95	27-NOV-5	v 92	5		
A88-ES		RNS-MO2	RNSIA-02	52856-07			04-DEC-96	13-DEC-9	v 2	5		
A88 -ES		RNS4MO1	RNSLAND	52856-05	DBAHA		03-DEC-96	13-DEC-96	v 92	5		
AB 8-ES		RNS4SB02	RNSWSB02	52680-01	DBZFUR		19-NOV-96	27-NOV-5	v 92	10		
V88 -ES		RNS4SB01	RNS4SB01	52680-03		BAEA	18-NOV-96	27-NOV-96	× •	5		
A86 -ES		RNS4SS01	RNSWSS01	52680-02			19-NON-95	27-NOV-5	v Se	5		
A88-ES		RNS44402	RNSIMMO2	52856-07	DBZFUR		24-DEC-98	13-DEC-%	v 92	5		
ABB -ES		RNSLANDI	RNSIMMO1	52856-05			03-DEC-96	13-DEC-5	v 92	5		
A88 -ES		RNS4SS01	RNSHSS01	52680-02			19-NOV-95	27-NOV-5	v Se	5		
V88-E S		RNS4/SB01	RNSWSB01	52680-03		BREA	18-NOV-96		v Xe	2		
V88-E S		RNS4/SB02	RNS4SB02	52680-01		PAEA	19-NON-96		v 92	5		
VBB-E S		RNS-MO2	RNSIMMO2	52856-07	-		94-DEC-98	13-DEC-9	v Se	5		
ABB-ES		RNSLML01	RNSHMO1	52856-05			03-DEC-96	13-DEC-96	v 92	5		
V88 -ES		RNS4SS01	RNSWSS01	52680-02	_		19-NON-96	• •	v 92	10		
ABB-ES		RNS4SB02	RNS4SB02	52680-01	O#O		19-NON-95		v 92	5		
ABB-ES		RNS4SB01	RNSI/SB01	52680-03	-		18-NOV-96		v 92	2		
ABB-ES		RNS44402	RNSIMMO2	52856-07	4		94-DEC-98	•	v 92	10		
ABB-ES		RNSLM101	RNSI-MO1	52856-05	2		03-DEC-96		v 92	9		
A88-E S		RNS4SB01	RNSWS801	52680-03	DMBP	BAEA	18-NOV-96	27-NOV-9	v 9	5		
ABB-ES		RNS4/SB02	RNS4/SB02	52680-01	DNBP	BAEA	19-NOV-96	27-NOV-9	v 9	2		

RINSE BLANKS

ABB-ES ABB-ES ABB-ES ABB-ES ABB-ES ABB-ES	Code	IRDMIS Site 10	Number	Lab Number	Name	Lot	Sample Date	Analysis Date	v ,	Value Unit
88-ES 88-ES 8-ES	SMV1	RNSWSS01	RNSWSS01	52680-02	-	BAEA	19-NOV-96		v	_
88-ES 88-ES 8-ES 8-ES		RNSMM02	RNSWM02	52856-07	_	BAEB	04-DEC-96	•	v	10 UGL
B-ES B-ES B-Es		RNSIMMO1	RNSWM01	52856-05		BAEB	03-DEC-96	-	v	
8-ES		RNSWSB01	RNSWSB01	52680-03	_	BAEA	18-NOV-96	27-NOV-96	v	10 UGL
D-CC		RNSWSS01	RNSWSS01	52680-02		BAEA	19-NOV-96	27-NOV-96	v	
0-13		RNSWSB02	RNSWSB02	52680-01			19-NOV-91	w	v	10 UGL
ABB-ES		RNSWM02	RNSWM02	52856-07	_		34-DEC-96	•	v	_
ABB-ES		RNSWM01	RNSWM01	52856-05			03-DEC-96	•	v	_
ABB-ES		RNSWSB01	RNSWSB01	52680-03			18-NOV-96		٧	_
ABB-ES		RNSMSS01	RNSWSS01	52680-02	_	BAEA	19-NOV-96		v	10 UGL
ABB-ES		RNSWSB02	RNSWSB02	52680-01	FANT	BAEA	19-NOV-96	27-NOV-96	v	_
B-ES		RNSIMM02	RNSWM02	52856-07	FANT		04-DEC-96		v	10 UGL
ABB-ES		RNSMM01	RNSWM01	52856-05	FANT	BAEB	3-DEC-96		v	_
ABB-ES		RNSWSB01	RNSWSB01	52680-03	FLRENE		18-NOV-96		v	_
ABB-ES		RNSWSS01	RNSWSS01	52680-02		BAEA	19-NOV-96	•	v	10 UGL
ABB-ES		RNSWSB02	RNSWSB02	52680-01			19-NOV-96		v	_
ABB-ES		RNSMM02	RNSWM02	52856-07	_		34-DEC-96	13-DEC-96	v	_
ABB-ES		RNSMM01	RNSWM01	52856-05		BAEB	03-DEC-96	13-DEC-96	v	10 UGL
ABB-ES		RNSWSB01	RNSWSB01	52680-03		BAEA	18-NOV-96		v	_
ABB-ES		RNSWSB02	RNSWSB02	52680-01			19-NOV-96	27-NOV-96	v	
ABB-ES		RNSWSSOT	RNSMSS01	52680-02			19-NON-96	27-NOV-96	v	10 UGL
ABB-ES		RNSWM02	RNSWM02	52856-07			04-DEC-96	13-DEC-96	v	10 UGL
Z-ES		RNSWW01	RNSWM01	52856-05	_	BAEB	3-DEC-96	13-DEC-96	v	10 UGL
ABB-ES		RNSWSB01	RNSWSB01	52680-03			18-NOV-96	27-NOV-96	v	10 UGL
ABB-ES		RNSMSS01	RNSMSS01	52680-02	_	BAEA	19-NOV-96		v	
		RNSWSB02	RNSWSB02	52680-01	_		19-NOV-96	••	v	
ABB-ES		RNSWM02	RNSWM02	52856-07	_	_	04-DEC-96	-	v	10 UGL
ABB-ES		RNSIMMO1	RNSWM01	52856-05	_	_	03-DEC-96		v	_
ABB-ES		RNSWSB01	RNSWSB01	52680-03	_	BAEA	18-NOV-96		v	_
ABB-ES		RNSMSS01	RNSWSS01	52680-02	ISOPHR	BAEA	19-NOV-96		v	_
ABB-ES		RNSWSB02	RNSWSB02	52680-01	1 SOPHR	BAEA	19-NOV-96	27-NOV-96	v	10 UGL
ABB-ES		RNSIMMO2	RNSWM02	52856-07	ISOPHR	BAEB	04-DEC-96		v	-
ABB-ES		RNS/MWO1	RNSWWOO	52856-05	_	_	03-DEC-96	•	v	_
ABB-ES		RNSWSB01	RNSWSB01	52680-03	-	-	18-NOV-96		v	10 UGL
ABB-ES		RNSWSS01	RNSWSS01	52680-02	_	BAEA	19-NOV-96		v	_
ABB-ES		RNSWSB02	RNSWSB02	52680-01	NAP	BAEA	96-NON-6		v	_
ABB-ES		RNSMM02	RNSWM02	52856-07	NAP	BAEB	34-DEC-96		· •	
ABB-ES		RNSWMW01	RNSWM01	52856-05	NAP	_	03-DEC-96		· •	

RINSE BLANKS

or Method De	IRDMIS Method Code	IRDMIS Site ID	IRDMIS Field Sample Number	Leb Number	Test	Lot	Sample Date	Analysis Date	•	Value	ji.
ABB-ES	S#V1	RNS4SB01	RNS/LSB01	52680-03	9	PAFA	18-MW-04	27-MOV-04			3
ABB-ES		RNSWSB02	RNSWSB02	52680-01	8	BAEA	19-NOV-96		, v	5	d =
ABB-ES		RNSWSS01	RNS#SS01	52680-02	99	BAEA	19-NOV-96		· •	Ę	2
ABB-ES		RNS4402	RNSIMM02	52856-07	92	BAEB	94-DEC-98	13-DEC-96	v	9	널
ABB-ES		RNSLM101	RNSIPHO1	52856-05	9	BAEB	03-DEC-96		•		ē
ABB-ES		RNS48801	RNS4SB01	52680-03	NADAPA	BAEA	18-NOV-96		v	2	ļ
ABB-ES		RNS4SS01	RNSWSS01	52680-02	MANDIAPA	BAEA	19-NOV-96		v		į
ABB-ES		RNS#SB02	RNSWSB02	52680-01			19-NOV-95	27-NOV-96	v		100
ABB-ES		RNSI-MO2	RNS4M02	52856-07	MNDMPA	BAEB	94-DEC-98	13-DEC-96	v	10	2
ABB-ES		RNSIMIO1	RNSI-MO1	52856-05			03-DEC-96	13-DEC-96	~		털
ABB-ES		RNS#SB01	RNSWSB01	52680-03	_		18-NOV-96	27-HOV-96	•	9	2
ABB-ES		RNS4SS01	RNSWSS01	52680-02	æ		19-NOV-96	27-MOV-96	•		2
ABB-ES		RNSWSB02	RNSWSB02	52680-01	_		19-NON-96	27-NOV-96	v		2
ABB-ES		RNSI-MO2	RNSI-MO2	52856-07	_	BAEB	8-DEC-8	13-DEC-96	v		르
ABB-ES		RNSHMOT	RNSLP401	52856-05	_		03-DEC-96	13-DEC-96	v		2
A88-ES		RNSWSB01	RNSWSB01	52680-03	_		18-NOV-96	27-NOV-96			į <u>e</u>
ABB-ES		RNS4SS01	RNS4SS01	52680-02	_		19-NOV-96	27-NOV-96	v		펻
ABB-ES		RNSWSB02	RNSWS802	52680-01		BAEA	19-NON-95	27-NOV-96	•	K	렫
ABB-ES		RNSI-MOS	RNSI-MIO2	52856-07		BAEB	24-DEC-98	13-DEC-96	•		ฮ
A88-ES		RINSIPPOT	RNSLML01	52856-05	8	BAEB	03-DEC-96	13-DEC-96	•		펄
ABB TO		RNS4SB01	RNS4SB01	52680-03		BAEA	18-NOV-96		v		호
A66 - E5		RNS#SB02	RNS4SB02	52680-01	PHANTR	BAEA	19-NON-91	27-NOV-96	•		절
A88-ES		RNSASS01	RNSUSSO1	52680-02		BAEA	19-NON-96	27-NOV-96	v	2	ց
A86-E5		RNSH MOZ	RNS4402	52856-07			8-DEC-8	13-DEC-96	v	_	펄
A88-ES		RNS-MO	RNSI-FLO1	52856-05		BAEB	03-DEC-96	13-DEC-96	v		펄
A56-E3		RNSASBOT	RNSWSB01	52680-03	PHENOL	BREA	18-NON-96	27-NOV-96	v	2	펄
A60-E3		KNS4SS01	RNS#SS01	52680-02	PHENOL	B EA	19-MON-96	27-NOV-96	v	5	렬
A68-E3		KNS4SB02	RNSWS802	52680-01		BREA	19-101-8	27-NOV-98	•		형
A88-E5		RNSI-MOZ	RNS##02	52856-07		BAEB	94-DEC-98	13-DEC-96	v	2	정
ABB-ES		RNSI-FIO	RNSIMO1	52856-05		BAEB	33-DEC-96	13-DEC-96	v		ᄚ
ABB-ES		RNS4SB01	RNSWSB01	52680-03	PYR	BAEA	18-NOV-96	27-NOV-96	•	101	Z
ABB-ES		RNSUSS01	RNS4SS01	52680-02	PYR	BAEA	19-NOV-96	27-MOV-96			1 2
A88-ES		RNS4SB02	RNSWS802	52680-01	PYR	BAEA	19-MON-96	27-MOV-96	· •	_	₫ 르
A88-ES		RNSIMM02	RNSI-MO2	52856-07	PYR	BAEB	24-DEC-96	13-DEC-96			12
ABB-ES		RNSIMO1	RNSI-FLO1	52856-05	PYR	BAEB	03-DEC-96	13-DEC-96	· •	9	1 2
ABB-ES		RNSI-FLO1	RNSI-MO1	52856-05	UNIX537	BAEB	33-DEC-96	_		_	2
ABB-ES		RNSI-MIO2	RNS1P4102	52856-07	UMK563	BAEB	94-DEC-98	•		m	2
ABB-ES		RNSI-MIOT	RNSLP401	52856-05	UNIX563		03-0EC-96	-		2	걸
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Table: Appendix K

RINSE BLANKS

Contractor Method Description 48B-ES	IRDMIS Method Code	IRDMIS Site ID RENSWSB01	Field Sample Number RNSWSB01	Lab Number 52680-03		0 L 1 C		Analysis Date 27-NOV-96	v .	Value Unit	
		RNSASSOT RNSAMMOZ RNSAMMOZ RNSAMMOZ RNSAMMOZ RNSASSOT RNSASSOZ RNSAMMOZ RNS	RNSWSSOT RNSWMO2 RNSWMO1 RNSWMO1 RNSWMO1 RNSWSSOT RNSWSSOT RNSWSSOT RNSWSSOT RNSWSSOT RNSWSSOZ RNSWMO1 RNSWSSOZ RNSWMO1 RNSWSSOZ RNSWMO1 RNSWSSOZ RNSWS R	52680-02 52856-07 52856-07 52856-07 52880-01 52880-01 52880-01 52880-01 52880-01 52880-01 52880-01	,			27-NOV-96 13-DEC-96 13-DEC-96 13-DEC-96 27-NOV-96 27-NOV-96 27-NOV-96 13-DEC-96 13-DEC-96 27-NOV-96 27-NOV-96		2,2,2,2,2,2,2,2,2,2,2,2,2,2,2,2,2,2,2,	·
	MS1	RNSAMMO1 RNSAMMO2 RNSAMMO2 RNSAMMO1	RNSHMOT RNSHMO	52856-07 52856-07 52856-07 52856-07 52856-07 52856-07 52856-07 52856-07 52856-07 52856-07 52856-07 52856-07 52856-07 52856-07 52856-07 52856-07		**************************************		74-0EC-98 	*********	44 44 44 44 44 44 44 44 44 44 44 44 44	
		RNSWMWO1 RNSWMWO2 RNSWMWO1 RNSWMWO2 RNSWMWO2	RNSWMOOT RNSWMOOT RNSWMOOT RNSWMOOT RNSWMOOT	52856-05 52856-07 52856-07 52856-07 52856-05	~~~~		03-DEC-96 04-DEC-96 04-DEC-96 03-DEC-96	96-090-11 96-090-11 96-090-14 96-090-14 96-090-14	· · · · · · · · · · · · · · · · · · ·		

RINSE BLANKS

RINSAMOT RINSAMOT SZBSG-05 CZHSCL WAY 03-DEC-96 14-DEC-96 10GL RINSAMOZ RINSAMOZ SZBSG-07 CZHSC WAY 03-DEC-96 14-DEC-96 10GL RINSAMOZ RINSAMOZ SZBSG-07 RECMS WAY 03-DEC-96 14-DEC-96 14-DEC-96 10GL RINSAMOZ RINSAMOZ SZBSG-07 RECMS WAY 03-DEC-96 14-DEC-96 14-DEC-96 11-DE-96 10GL RINSAMOZ RINSAMOZ SZBSG-07 R	IRDMIS Method Code
RNSJAMOT 52856-05 C2H5CL VAFX 03-DEC-96 14-DEC-96 RNSJAMOT 52856-07 C2H5CL VAFX 04-DEC-96 14-DEC-96 RNSJAMOT 52856-07 CCH6 VAFX 04-DEC-96 14-DEC-96 RNSJAMOT 52856-07 CCH4 VAFX 04-DEC-96 14-DEC-96 RNSJAMOT 52856-07 CCH4 VAFX 04-DEC-96 14-DEC-96 RNSJAMOT 52856-07 CH3R VAFX 04-DEC-96 14-DEC-96 RNSJAMOT 52856-07 CH3RR VAFX 04-DEC-96 14-DEC-96 RNSJAMOT 52856-07 CH2RT VAFX 04-DEC-96 14-DEC-96 RNSJAMOT 52856-07 CH2RT VAFX 04-DEC-96 14-DEC-96 RNSJAMOT 52856-07 CH2RT VAFX 04-DEC-96 14-DEC-96 RNSJAMOT 52856-07 CHCAF5 VAFX 03-DEC-96 14-DEC-96 RNSJAMOT 52856-07 CHCAF5 VAFX 03-DEC-96 14-DEC-96 14-DEC-96 RNSJAMOT 52856-07 ETCAF5 VAFX 03-DEC-96 14-DEC-96 14-DEC-96 RNSJAMOT 52856-07 ETCAF5 VAFX 03-DEC-96 14-DEC-96 RNSJAMOT 52856-07 RECAF5 VAFX 03-DEC-96 14-DEC-96 RNSJAMOT 52856-07 RTCAF5 VAFX 03-DEC-96 14-DEC-96 14-	
RISSAMJO2 52856-07 CGH6 VAFX 04-DEC-96 14-DEC-96 14 RISSAMJO2 52856-07 CGL4 VAFX 04-DEC-96 14-DEC-96 14 RISSAMJO2 52856-07 CGL4 VAFX 03-DEC-96 14-DEC-96 14 RISSAMJO2 52856-07 CH3CL VAFX 03-DEC-96 14-DEC-96 14 RISSAMJO2 52856-07 CHCL3 VAFX 03-DEC-96 14-DEC-96 14-DEC-96 14 RISSAMJO2 52856-07 CHCL3 VAFX 03-DEC-96 14-DEC-96	RNSLALOZ RNSLALOZ RNSLALOZ
RISSIMA,01 52856-05 CCL(4 VAFX 03-DEC-96 14-DEC-96 RISSIMA,02 52856-07 CH2CL2 VAFX 04-DEC-96 14-DEC-96 RISSIMA,01 52856-07 CH3CL2 VAFX 04-DEC-96 14-DEC-96 RISSIMA,01 52856-07 CH3CL2 VAFX 04-DEC-96 14-DEC-96 RISSIMA,02 52856-07 CH3CL2 VAFX 04-DEC-96 14-DEC-96 RISSIMA,01 52856-05 CH3CL3 VAFX 04-DEC-96 14-DEC-96 RISSIMA,02 52856-07 CH3CL3 VAFX 04-DEC-96 14-DEC-96 RISSIMA,02 52856-07 CH3CL3 VAFX 04-DEC-96 14-DEC-96 RISSIMA,02 52856-07 CHCL3 VAFX 03-DEC-96 14-DEC-96 	RNSH
RNSJMAO1 52856-05 CH2CL2 VAFX U3-DEC-96 14-DEC-96 RNSJMAO2 52856-07 CH3CL VAFX U4-DEC-96 14-DEC-96 RNSJMAO2 52856-07 CH3CL VAFX U4-DEC-96 14-DEC-96 RNSJMAO1 52856-07 CH3CL VAFX U3-DEC-96 14-DEC-96 RNSJMAO2 52856-07 CHR33 VAFX U3-DEC-96 14-DEC-96 RNSJMAO2 52856-07 CHCL3 VAFX U3-DEC-96 14-DEC-96 RNSJMAO2 52856-07 CHCAFS VAFX U3-DEC-96 14-DEC-96 RNSJMAO2 52856-07 ETCAFS VAFX U3-DEC-96 14-DEC-96 RNSJMAO2 52856-07 RECAFS VAFX U3-DEC-96 14-DEC-96 RNSJMAO2 52856-07 RN	RNS
RNSJAMO1 52856-07 CH3RL VAFX U3-DEC-96 (4-DEC-96 KNSJAMO2 52856-07 CH3CL VAFX U3-DEC-96 (4-DEC-96 KNSJAMO2 52856-07 CH3CL VAFX U3-DEC-96 (4-DEC-96 KNSJAMO1 52856-07 CHCL3 VAFX U3-DEC-96 (4-DEC-96 KNSJAMO1 52856-07 CHCJ5 VAFX U3-DEC-9	S S S
RNSJMAO 52856-05 CH3CL VAFX 03-DEC-96 14-DEC-96 1 RNSJMAO 52856-07 CH8R3 VAFX 03-DEC-96 14-DEC-96 1 RNSJMAO 52856-07 CHRR3 VAFX 03-DEC-96 14-DEC-96 1 RNSJMAO 52856-05 CHCL3 VAFX 03-DEC-96 14-DEC-96 1 RNSJMAO 52856-07 CLCGH5 VAFX 03-DEC-96 14-DEC-96 1 RNSJMAO 52856-07 CLCGH5 VAFX 03-DEC-96 14-DEC-96 1 RNSJMAO 52856-07 CLCGH5 VAFX 03-DEC-96 14-DEC-96 1 RNSJMAO 52856-05 CLCGH5 VAFX 03-DEC-96 14-DEC-96 1 RNSJMAO 52856-05 CLCGH5 VAFX 03-DEC-96 14-DEC-96 1 RNSJMAO 52856-07 ETCGH5 VAFX 03-DEC-96 14-DEC-96 1 RNSJMAO 52856-07 RECGH5 VAFX 03-DEC-96 14-DEC-96 1 RNSJMAO 52856-07 NEC VAFX 03-DEC-96 14-DEC-96 1 RNSJMAO 52856-07 NEC VAFX 03-DEC-96 14-DEC-96 1 RNSJMAO 52856-07 NEC VAFX 03-DEC-96 14-DEC-96 1 RNSJMAO 52856-07 NEK VAFX 03-DEC-96 14-DEC-96 1 RNSJMAO 52856-05 NUBK VAFX 03-DEC-96 14-DEC-96 1 RNSJMAO 52856-05	S S
RNSJAMO1 52856-05 CHRR3 VAFX 03-DEC-96 14-DEC-96 1 RNSJAMO2 52856-07 CHCL3 VAFX 03-DEC-96 14-DEC-96 1 RNSJAMO2 52856-07 CHCL3 VAFX 03-DEC-96 14-DEC-96 1 RNSJAMO2 52856-07 CLCGH5 VAFX 03-DEC-96 14-DEC-96 1 RNSJAMO2 52856-07 CS2 VAFX 03-DEC-96 14-DEC-96 1 RNSJAMO2 52856-07 CS2 VAFX 03-DEC-96 14-DEC-96 1 RNSJAMO2 52856-07 ETCGH5 VAFX 03-DEC-96 14-DEC-96 1 RNSJAMO2 52856-07 RECH5 VAFX 03-DEC-96 14-DEC-96 1 RNSJAMO2 52856-07 RECH5 VAFX 03-DEC-96 14-DEC-96 1 RNSJAMO2 52856-07 RECH5 VAFX 03-DEC-96 14-DEC-96 1 RNSJAMO2 52856-07 RNSV VAFX 03-DEC-96 14-DEC-96 1 SNSJAMO2 52856-07 RNSV VAFX 03-DEC-96 14-DEC-96 14	A SE
RISSIMALO S2856-07 CLC645 VAFX 05-DEC-96 (4-DEC-96 C RISSIMALO S2856-07 CLC645 VAFX 05-DEC-96 (4-DEC-96 C RISSIMALO S2856-07 CS2 VAFX 05-DEC-96 (4-DEC-96 C RISSIMALO S2856-05 CS2 VAFX 05-DEC-96 (4-DEC-96 C RISSIMALO S2856-05 DBRCLM VAFX 05-DEC-96 (4-DEC-96 C RISSIMALO S2856-07 ETC645 VAFX 05-DEC-96 (4-DEC-96 C RISSIMALO S2856-07 ETC645 VAFX 05-DEC-96 (4-DEC-96 C RISSIMALO S2856-07 REC645 VAFX 05-DEC-96 (4-DEC-96 C RISSIMALO S2856-07 NEC645 VAFX 05-DEC-96 (4-DEC-96 C RISSIMALO S2856-07 NEC645 VAFX 05-DEC-96 (4-DEC-96 C RISSIMALO S2856-07 NEK VAFX 05-DEC-96 (4-DEC-96 C RISSIMALO S2856-07 STYR VAFX 05-DEC-96 C RISSIMALO S2856-07 STYR VAFX 05-DE	
RNSLANO2 52856-07 CS2 VAFX 04-DEC-96 14-DEC-96 CS RNSLANO2 52856-07 CS2 VAFX 03-DEC-96 14-DEC-96 CS RNSLANO2 52856-07 DBRCLM VAFX 03-DEC-96 14-DEC-96 CS RNSLANO2 52856-05 DBRCLM VAFX 03-DEC-96 14-DEC-96 CS RNSLANO1 52856-05 ETC645 VAFX 03-DEC-96 14-DEC-96 CS RNSLANO2 52856-07 REC6415 VAFX 03-DEC-96 14-DEC-96 CS RNSLANO2 52856-07 REC6415 VAFX 03-DEC-96 14-DEC-96 CS RNSLANO2 52856-07 REC VAFX 03-DEC-96 14-DEC-96 CS RNSLANO2 52856-07 REK VAFX 03-DEC-96 14-DEC-96 CS RNSLANO2 52856-07 RIBK VAFX 03-DEC-96 14-DEC-96 CS RNSLANO2 52856-07 STYR VAFX 03-DEC-96 14-DEC-96 CS RNSLANO2 52856-07 STYR VAFX 03-DEC-96 14-DEC-96 CS RNSLANO2 52856-07 STYR VAFX 03-DEC-96 14-DEC-96 CS RNSLANO3 52856-07 STYR VAFX 03-DEC-96 CS RNSLANO3 52856-07 STYR VAFX 03-DEC-96 14-DEC-96 CS RNSLANO3	AS AS AS
RISSIMALO S2856-05 DBRCLM VAFX 04-DEC-96 14-DEC-96 14-DE	S S
RISSIANO 52266-07 ETCAMS WAY 04-DEC-96 14-DEC-96 14-DEC-	S S S
RISSIMANO 22250-07 RECAHS WARY 04-DEC-96 14-DEC-96 14-DE	RNST
RNSJANJO1 52856-05 NECGH5 VAFX 03-DEC-96 14-DEC-96 < 18 NSJANJO2 52856-07 NEK VAFX 03-DEC-96 14-DEC-96 < 15 NSJANJO2 52856-07 NEK VAFX 03-DEC-96 14-DEC-96 < 15 NSJANJO2 52856-07 NIBK VAFX 03-DEC-96 14-DEC-96 < 15 NSJANJO2 52856-07 NIBK VAFX 03-DEC-96 14-DEC-96 < 15 NSJANJO2 52856-07 NNBK VAFX 03-DEC-96 14-DEC-96 < 15 NSJANJO1 52856-05 NNBK VAFX 03-DEC-96 14-DEC-96 < 15 NSJANJO2 52856-07 STYR VAFX 03-DEC-96 14-DEC-96 < 15 NSJANJO2 52856-07 STYR VAFX 03-DEC-96 14-DEC-96 < 17 NSJANJO3 52856-07	
RNSLANO1 52856-07 MIBK VAFX 03-DEC-96 14-DEC-96 1 RNSLANO1 52856-07 MIBK VAFX 03-DEC-96 14-DEC-96 1 RNSLANO2 52856-07 MIBK VAFX 03-DEC-96 14-DEC-96 1 RNSLANO1 52856-07 MMBK VAFX 03-DEC-96 14-DEC-96 1 RNSLANO1 52856-05 MMBK VAFX 03-DEC-96 14-DEC-96 1 RNSLANO1 52856-07 STYR VAFX 03-DEC-96 14-DEC-96 1	
RNSLANO2 52856-07 MIBK VAFX 04-DEC-96 14-DEC-96 < 5 RNSLANO1 52856-07 MIBK VAFX 04-DEC-96 14-DEC-96 < 5 RNSLANO2 52856-07 MIBK VAFX 04-DEC-96 14-DEC-96 < 5 RNSLANO2 52856-07 NUBK VAFX 04-DEC-96 14-DEC-96 < 5 RNSLANO2 52856-07 STYR VAFX 03-DEC-96 14-DEC-96 < 1 RNSLANO1 52856-07 STYR VAFX 03-DEC-96 14-DEC-96 < 1 RNSLANO1 52856-05 STYR VAFX 03-DEC-96 14-DEC-96 STYR VAFX 03-DEC-96 STYR VAFX 03-DEC-96 14-DEC-96 STYR VAFX 03-DEC-96 STYR	TS NO.
RNSLANO2 52856-05 INBK VAFX 05-DEC-96 14-DEC-96 1 RNSLANO2 52856-05 INBK VAFX 03-DEC-96 14-DEC-96 1 RNSLANO2 52856-07 STYR VAFX 03-DEC-96 14-DEC-96 1 RNSLANO3 52856-05 STYR VAFX 03-DEC-96 14-DEC-96 1	RNST
RNSLANIO1 52856-05 MNBK VAFX 03-DEC-96 14-DEC-96 < 5 RNSLANIO2 52856-07 STYR VAFX 04-DEC-96 14-DEC-96 < 11 RNSLANIO1 52856-05 STYR VAFX 03-DEC-96 14-DEC-96 < 11 RNSLANIO1 52856-05 STYR VAFX 03-DEC-96 14-DEC-96 < 11 RNSLANIO1 52856-05 STYR VAFX 03-DEC-96 < 11 RNSLANIO1 52856-05 STYR VAFX 03-DEC-96 14-DEC-96 < 11 RNSLANION 52856-05 STYR VAFX 03-DEC-96 14-DEC-96 < 11 RNSLANION 52856-05 STYR VAFX 03-DEC-96 (14-DEC-96 × 14-DEC-96 × 14-DEC-	38
RNSIAMO1 52856-05 STYR VAFX 03-DEC-96 14-DEC-96 < 1-DEC-96 14-DEC-96 14-DEC-96 < 1-DEC-96 14-DEC-96 14-DE	RNSH
	RNSI-MOT

Table: Appendix K SEMIVOLATILE SURROGATES

_	45 UGL 60.0 46 UGL 58.7 45 UGL 60.0 62 UGL 88.7 53 UGL 70.0 53 UGL 80.0 64 UGL 88.3 64 UGL 88.3 65 UGL 82.7 65 UGL 82.7 66 UGL 82.7 67 UGL 82.7 68 UGL 86.7 68 UG	23 UGL	50 UGL 66.7
Spike Value Value	ĸĸĸĸĸĸĸĸĸĸĸĸ	222222222222	ĸκ
	19-NOV-96 27-NOV-96 19-NOV-96 27-NOV-96 18-NOV-96 27-NOV-96 04-DEC-96 13-DEC-96 03-DEC-96 13-DEC-96 04-DEC-96 13-DEC-96 04-DEC-96 13-DEC-96 04-DEC-96 13-DEC-96 04-DEC-96 13-DEC-96 18-DEC-96 18-DEC-96 18-DEC-96 18-DEC-96	19-NOV-96 27-NOV-96 19-NOV-96 27-NOV-96 04-DEC-96 13-DEC-96 04-DEC-96 13-DEC-96 04-DEC-96 13-DEC-96 04-DEC-96 13-DEC-96 04-DEC-96 13-DEC-96 04-DEC-96 13-DEC-96 04-DEC-96 13-DEC-96 18-DEC-96 18-DEC-96 18-DEC-96 18-DEC-96	19-NOV-96 27-NOV-96
Lab Si Number Lot Di	BAEA BAEB BAEB BAEB BAEB BAEB BAEB BAEB	52680-01 BAEA 19 52680-02 BAEA 19 52680-03 BAEA 16 52856-01 BAEB 05 52856-03 BAEB 05 52856-05 BAEB 05 52856-07 BAEB 06 52856-07 BAEB 06 52856-07 BAEB 06 BAEA BS1 BAEA BAEA BS1 BAEA BAEB BS1 BAEB BAEB BS2 BAEA	52680-01 BAEA 19
IRDMIS Field Sample Number	RNSWSBOZ RNSWSB01 RNSWSB01 M030126X M080120X M090113X RNSWMOZ RNSWMOZ RNSWMOZ	RNSWSBOZ RNSWSD1 RNSWSB01 RNSWSB01 MO30126X MO80120X MO90113X RNSWM01	RNSWSB02 RNSWSS01
IRDMIS Site ID		RNSWSBOZ RNSWSSO1 RNSWSBO1 MW-03-01 MW-03-02 MW-09-01 RNSWMW01 RNSWMW02	RNSWSB02 RNSWSS01
Test Name	ratatatatatatatatata	2FBP 2FBP 2FBP 2FBP 2FBP 2FBP 2FBP 2FBP	2FP 2FP
IRDMIS Method Code		SMV1 SMV1 SMV1 SMV1 SMV1 SMV1 SMV1 SMV1	SMV1
Contractor Method Description		-	
Contractor	ABB-ES	ABB-ES ABB-ES ABB-ES ABB-ES ABB-ES ABB-ES ABB-ES ABB-ES ABB-ES ABB-ES ABB-ES	ABB-ES ABB-ES

SEMIVOLATILE SURROGATES

Contractor Method Description	IRDMIS Hethod Code	Test Name	IRDMIS Site ID	IRDMIS Field Sample Number	Lab Number	Lot	Sample Date	Analysis Date	Spike Value	Value Unit	Percent Recovery
	SHIV1	2FP	RNSWSB01	RNSWSB01	52680-03	BAEA	8	27-NOV-96	ĸ		69.3
ABB-ES	2 4 2.1	2FP	M-03-01	M030126X	52856-01	BAEB	2-560-8	13-DEC-96	ĸ		73.3
ABB-ES	SAC 1	2FP	MM-03-02	M030222X	52856-02	BAEB	24-DEC-96	13-DEC-96	ĸ		3.0
ABB-ES	SPC	2FP	MV-08-01	M080120X	52856-03	BAEB	03-DEC-96	13-DEC-96	ĸ		0.89
VBB-ES	SHV1	2FP	M-09-01	H090113X	52856-04	BAEB	24-DEC-96	13-DEC-96	ĸ		53.3
ABB-ES	SHV1	2FP	RNSI-MO1	RNS4MO1	52856-05	BAEB	03-DEC-96	13-DEC-96	ĸ		69.3
ABB-ES	SPC 1	2FP	RNSIMMO2	RNSWM02	52856-07	BAEB	04-DEC-96	13-DEC-96	ĸ		81.3
A88-ES	SW	2FP			BAEA-BS1	MEA		27-NOV-96	ĸ		85.3
ABB-ES	SEC.	2FP			BAEA-BS2	BAEA		27-NOV-96	ድ		82.7
ABB-ES	25	2FP			BAEB-BS1	BAEB		18-DEC-96	ĸ	51 UGL	0.89
ABB-ES	L AMA	2FP			BAEB-BS2	BAEB		18-DEC-96	ĸ		7.02
		8 V0									7 17
		minimum								٠	. 55 5. 55 5. 55
ABB-ES	SW	MBDS	RNSUSB02	RNSUS802	52680-01	RAFA	10-MOV-06	27-MOV-06	ç		0 87
ABB-ES	SHV1	KB05	RNS4SS01	RMSL/SS01	52680-02	BAEA	26-A	27-MOV-96	2		38
ABB-ES	SHV	MBDS	RNS4/SB01	RNS4/SB01	52680-03	BAEA	18-NOV-96	27-NOV-96	22	ਭੂ ਕ	0.69
V88 -ES	SHV1	NB05	H-03-01	M030126X	52856-01	BAEB	24-DEC-96	13-DEC-96	200		86.0
A88-E S	SAN	MB05	MJ-03-02	M030222X	52856-02	BAEB	24-DEC-96	13-DEC-96	2		9
ABB-ES	SHV	NBDS	F4-08-01	M080120X	52856-03	BAEB	03-DEC-96	13-DEC-96	20		76.0
A88-ES	SHV1	MBDS	₩-09-01	M090113X	52856-04	BAEB	24-DEC-96	13-DEC-%	2		56.0
ABB-ES	SAN	NB05	RNSI-FLO1	RNSIA-101	52856-05	BAEB	33-DEC-96	13-DEC-96	20		22.0
ABB-ES	N S	NBDS	RNSI-MO2	RNSIAMO2	52856-07	BAEB	24-DEC-98	13-DEC-96	20		82.0
ABB-ES	- N	202			BAEA-BS1	REA		27-NOV-98	2		o. 88
ABB-ES	SEC	NBDS			BAEA-BS2	BAEA		27-NOV-96	S		88.0
ABB-ES	SAY!	NBD5			BAEB-BS1	BAEB		18-DEC-96	20		9.0
ABB-E S	SPIV1	NBDS			BAEB-BS2	BAEB		18-DEC-96	20		80.0

											K.7
		meximm									88.0
A88-ES	SW1	TRPD14	RNSUSB02	RNSWS802	52680-01	RAFA	10-MUN-0K	27-MOV-04	Ç		8
ABB-ES	Sec.	TRP014	RNSI-SS01	RNSWSS01	52680-02	BAEA	19-NOV-96	27-NOV-96	នន	34.5	2.0
ABB-ES	- X-	TRP014	KNS42801	KNSWSBUT M030126X	52856-01 52856-01	BAEB	2-160-8 24-DEC-8	27-NOV-96 13-DEC-96	22		0.98 0.08

			r Method D	488-ES ABB-ES ABB-ES ABB-ES ABB-ES ABB-ES ABB-ES ABB-ES	ABB-ES ABB-ES ABB-ES ABB-ES ABB-ES ABB-ES ABB-ES ABB-ES ABB-ES ABB-ES ABB-ES ABB-ES ABB-ES ABB-ES	
			IRDMIS Method Code	SWV1 SWV1 SWV1 SWV1 SWV1 SWV1	SWV2 SWV2 SWV2 SWV2 SWV2 SWV2 SWV2 SWV2	
			Test	TRP014 TRP014 TRP014 TRP014 TRP014 TRP014 TRP014 TRP014 ************************************	24678P	
			IRDMIS Site ID	MW-03-02 MW-03-02 MW-09-01 RNSWMW01 RNSWMW02	SB-08-01 SB-08-02 SB-08-02 SB-09-03 SS-LE-01 SS-U9-04 SS-U6-01 SS-09-01 SS-09-01 SS-09-01 SS-09-01 SS-09-01	
Table	SEMIVOLAT	Œ	IRDMIS Field Sample Number	M030222X M080120X M090113X RNSWMM02	B080212X BM90112X BM90112X BPH0107X B090312X BC0011X SLE0201X SCW0101X SCW0101X SW90201X SW90201X B090212X	
Table: Appendix K	SEMIVOLATILE SURROGATES	FT. ALLEN	Lab Number	52856-02 52856-03 52856-04 52856-05 52856-07 52856-07 8AEA-BS1 BAEA-BS1 BAEB-BS1 BAEB-BS1	52678-01 52678-02 52678-04 52678-05 52678-05 52678-07 52678-10 52678-11 52678-12 52678-13 52678-15 52678-15 52678-15 52678-15 52678-15 6888-881	
¥	ATES			BAEB 04-DEC-96 BAEB 03-DEC-96 BAEB 03-DEC-96 BAEB 04-DEC-96 BAEB 04-DEC-96 BAEB BAEB	BSBS 19-NOV-96 BSBS 1	
			Analy Date	27-NOV-96 18-DEC-96 13-DEC-96 196 13-DEC-96 196 13-DEC-96 197 NOV-96 18-DEC-96 18-DEC-96	-96 16-06-96 -96 16-06-96 -96 16-06-96 -96 16-06-96 -96 16-06-96 -96 16-06-96 -96 18-06-96 -96 18-06-96 -96 18-06-96 -96 18-06-96 -96 18-06-96 -96 18-06-96 -96 18-06-96 -96 18-06-96 -96 18-06-96 -96 18-06-96 -96 16-06-96 -96 16-06-96 -96 16-06-96 -96 16-06-96 -96 16-06-96 -96 16-06-96 -96 16-06-96 -96 16-06-96 -96 16-06-96 -96 16-06-96	
			Spike Value	22222222	หน่างของของของของ หน้าที่ใช้ให้ใช้ใช้ใช้ใช้ใช้ใช้	
			Value Unit	28 VG 28 VG 36 VG 47 VG 40 VG 44 VG 48 VG 89 VG	1.5 UGG 1.5 UGG 1.5 UGG 1.5 UGG 1.5 UGG 1.5 UGG 1.6 UGG 1.7 UGG 1.7 UGG 1.7 UGG	

Recovery 76.0 56.0 72.0 94.0 100.0 88.0 882.0 82.0 96.0 100.0 88.0 882.0 82.0 96.0 100.0 100.0

1.1 066

1.7

52678-01 BSBS 19-NOV-96 16-DEC-96

B080112X

SB-08-01

2FBP

SMV2

ABB-ES

SEMIVOLATILE SURROGATES

Contractor Method Description	IRDMIS Method Code	Test	IRDMIS Site 10	IRDMIS Field Sample Number	Leb Number	5	Sample Date	Analysis Date	Spike Value	Value Unit	Percent Recovery
ABB-ES	SAV2	2FBP	S8-08-02	RO80212x	52478-02		10.101.04	14-050-04			
ABB-ES	SHV2	2FBP	SB-H9-01	BM90112X	52678-03	BSBS	88	16-DEC-36		9 5	20 c
ABB-ES	SMS	2FBP	SB-PH-01	BPH0107X	52678-04		10-MOV-96	14-hFr-98		2 2	0 0
ABB-ES	SANS	2FBP	SB-09-03	B090312X	52678-05		18-NOV-94	16-DEC-04			0.0
ABB-ES	SANS	2FBP	70-60-BS	B090412X	52678-06		18-10V-95	14-05-04		30.0	0.00
ABB-ES	SANS	2FBP	SS-LE-01	SI F0101X	52678-07		10-M2V-04	14-NEC-04			9
A88-ES	SMV2	2FBP	SS-1 F-02	SI ED201X	52478-08		0-10-0	19-050-90			9.70
VBB-ES	SANS	2FBP	SS-CU-01	SCLOTOTY	52478-00		10-10-0	10-DEC-30			28.5
A88-ES	SWS	25.80	SS-10-01	STATISTICS	52478-10		200	10-DEC-30	-:		48.2
A88-ES	S	2500		A2010000	20000		2-A-A	18-DEC-38	1.7		58.2
A8R-FS	CANC	2000	10-60-66	XIOLOXOS STOLOXOS	11-8/92		19-NOV-96	18-DEC-96	1.7		57.1
ABB-EC	ZALIC	4	20-60-88	X020201X	52678-12		19-NON-98	16-DEC-96	1.7		58.2
23-88V	ZAMS	ZF BP	SS-M9-01	S#90101X	52678-13		96-MON-61	18-DEC-96	1.7		7
A56-E3	SWS	2FBP	SB-09-01	B090112X	52678-14		8-NON-96	16-DFC-96	1		
A88-ES	SANS	2FBP	SB-09-02	B090212X	52678-15		8-NOV-94	14-DEC-94			0.00
ABB-ES	SHV2	2FBP			BSBS-BS1		2	14-05-04	- 1		3
A8 8-ES	CAN	25.00			2000			10-0EC-30	- 1	_	74.1
		****			769-6060	2020		10-DEC-30	1.7	_	20.0
										•	
											58.7
		maximum									2.8.2
ABB-FS	2	450	30								3
ABB-FS	246	7 7	50-93-93 90-93-93	B080112X	52678-01		19-NOV-96	16-DEC-96	2.5		68.0
ABB-EC	7/15	447	28-08-05	B080212X	52678-02		8-5	16-DEC-96	2.5		2
A00-103	SAN S	2FP	S8-IF9-01	BH90112X	52678-03		26-70	16-DEC-96	2.5		3
A80-E3	SWS	2FP	SB-PH-01	BPHO102X	52678-04		26-70	6-DEC-96	25		33
A66-E5	SAR2	2FP	SB-09-03	B090312X			20-70	16-DEC-96			2
A88-ES	SANS	2FP	28-00-0¢	B090412X	52678-06	BSBS	8-70	16-DEC-06	2.5		2.4
A88-E S	SANS	2FP	SS-LE-01	SLE0101X			3	16-0EC-04			0.0
ABB-ES	SANS	2FP	SS-LE-02	SI E0201x		-	3	8-DEC-04	,,,		8.6
V88-E S	SWS	2FP	SS-CU-01	V1010		-	2	0-050-90	ij		8
ABB-ES	2	250	10-11-33	2000			2	10-DEC-30	6.5		26.0
ARR-FS	200	220	00.00	SMEDIUZA			8	18-DEC-96	5.2		5
ARR-EC	2446	777	10-60-SS	X1010X0X		-	8-8	18-DEC-96	2.5		0.09
APR-50	2445	7.5	20-60-85	S090201X	52678-12	SBS 1	8-2	16-DEC-96	2.5		0.79
ABB-ES	ZALA	447	SS-H2-01	XL010645	52678-13	•	8-2	18-DEC-96	2.5		52.0
ADB-EC	ZALA	ZFP	S8-09-01	B090112X	52678-14	•	26-70	16-DEC-%	2.5	1.5 UGG	9
489.00	ZALA	ZFP	28-09-05	8090212X	52678-15	SSBS 1	8-70	6-DEC-96	2.5		15.
21.00V	246	2FP			BSBS-BS1	SBS		96-DEC-96	2.5	1.5	5
V68-E3	SHVZ	2FP			BSBS-BS5	SBS	-	16-DEC-96	2.5	1.4 UGS	3,5
									1		> > >

SEMIVOLATILE SURROGATES

Contractor Method Description	IRDMIS Method Code	Test Name	IRDMIS Site ID	IRDMIS Field Sample Number	Lab	Lot	Sample Date	Analysis Date	Spike Value	Value Unit	Percent Recovery
		********* avg minimum maximum									64.5 52.0 104.0
	SMV2 SMV2 SMV2	NBD5 NBD5 NBD5	SB-08-01 SB-08-02 SB-M9-01	B080112X B080212X BM90112X	52678-01 52678-02 52678-03	BSBS Y	19-NOV-96 19-NOV-96	16-DEC-96 16-DEC-96 16-DEC-96	7.1.	1 UGG 1 UGG	58.8 58.8
	SMV2 SMV2 SMV2	NBD5 NBD5 NRD5	SB-PH-01 SB-09-03 SB-09-04	BO90312X BO90312X	52678-04 52678-05 52678-05		19-NOV-96 18-NOV-96		7.7.		53.8
, 0, 0,	222	NBD5 NBD5	SS-LE-01 SS-LE-02	SLE0101X SLE0201X			19-NOV-96 19-NOV-96				58.8 54.7
ស ស ស	222 222	NBD5 NBD5 NBD5	SS-CW-01 SS-WW-01 SS-00-01	SCW0101X SWW0102X SOS0101X	52678-09 52678-10 52678-11		19-NOV-96 19-NOV-96		7.7.		58.8
8888	1888	N805 N805 N805	SS-09-02 SS-M9-01 SB-09-01	S090201X SM90101X B090112X			19-NON-96 19-NON-96 18-NON-96			.92 UGG .87 UGG 1.1 UGG	54.2 51.2 54.2 54.2
S S S	200	NBD5 NBD5 NBD5 ********	SB-09-02	B090212X	52678-15 BSBS-BS1 BSBS-BS2	BSBS BSBS BSBS	18-NOV-96	16-DEC-96 16-DEC-96 16-DEC-96	7.7.		100.0 54.7 48.8
		avg minimum maximum									59.3 48.8 100.0
æ æ æ	SMV2 SMV2 SMV2	TRP014 TRP014 TRP014	SB-08-01 SB-08-02 SB-M9-01	B080112X B080212X RM00112X	52678-01 52678-02 52678-03	BSBS 1 BSBS 1	19-NOV-96 19-NOV-96	16-DEC-96 16-DEC-96 16-DEC-96	7.7.	1.3 UGG 1.5 UGG	76.5 88.2
<u>8</u> 8	22	TRP014 TRP014	SB-PH-01 SB-09-03	BPH0107X B090312X			19-NOV-96 18-NOV-96	16-DEC-96 16-DEC-96	7.	1.1 066	44
के के	22	TRPD14 TRPD14	SB-09-04 SS-LE-01	B090412X SLE0101X			8-NOV-96	16-DEC-96 16-DEC-96	1.7		58.8
\$ ₹	22	TRP014 TRP014	SS-LE-02 SS-CW-01	SCW0101X		BSBS 1 BSBS 1	19-NOV-96 19-NOV-96		7.1		25
£ £	22	TRP014 TRP014	SS-WW-01 SS-09-01	SW0102X S090101X			96-NON-61	18-DEC-96 18-DEC-96	1.7	1.2 066	26.4

SEMIVOLATILE SURROGATES

IRDMIS Sample Lab Site ID Number Number Lot I SS-09-02 S090201X 52678-12 BSBS
S#90101X
B090212X
-S8S8
-S8S8

Table: Appendix K VOLATILE SURROGATES

Percent Recovery	% % % % % % % % % % % % % % % % % % %	% % % % % % % % % % % % % % % % % % %	100. 110. 100. 100. 100. 100. 100. 100.	107.5 100.0 110.0
Value Unit	9.5 ust 9.5 ust 9.5 ust 9.5 ust	10 UGL 10 UGL 10 UGL 10 UGL	11 UGL 11 UGL 10 UGL	ı
Spike Value	5555	0000	5555	
Analysis Date	12-DEC-96 12-DEC-96 14-DEC-96 14-DEC-96	12-DEC-96 12-DEC-96 14-DEC-96 14-DEC-96	12-DEC-96 12-DEC-96 14-DEC-96 14-DEC-96	
Sample Lot Date	VAFW VAFW VAFX	VAFU VAFX VAFX	VAFU VAFX VAFX	
Lab Number L	- N - N	VAFW-BS1 V VAFW-BS2 V VAFX-BS1 V	VAFW-BS1 V VAFW-BS2 V VAFX-BS1 V	
IRDMIS Field Sample Number				
IRDMIS Site ID	*	*	•	
Test	120c04 120c04 120c04 120c04 120c04 120c04	minimum maximum 48FB 48FB 48FB 48FB ************************************	avg minimum maximum MEC608 MEC608	avg minimum maximum
	, ,		WEE EXEX!	
IRDMIS Method Code	VMS1 11 VMS1 1	VMS1 VMS1 VMS1	VMS1 MW	



GRO/DRO VALIDATION REPORT AND DRO CHROMATOGRAMS

W001976APP

GRO/DRO DATA VALIDATION REPORT

ABB Environmental Services, Inc.

DATA VALIDATION REPORT MODIFIED USEPA METHOD 8015A FOR GRO/DRO SITE INSPECTION REPORT FORT ALLEN, JUANA DIAZ, PUERTO RICO

Introduction: The purpose of this report is to summarize data validation procedures and actions for review of data generated using Modified USEPA Method 8015A for gasoline range hydrocarbons (GRO) and diesel range hydrocarbons (DRO).

Holding Times. All analytical data sets were reviewed for compliance to analytical and technical holding times. All analytical samples were extracted and/or analyzed within accepted holding times for both the DRO and GRO analyses.

Sample results in groups 9890-25 and 9890-39, for DRO analysis and, 9890-24 and 9890-32, for GRO analysis, were notated with a V*to indicate that the samples were received at the laboratory with a temperature exceeding the preservation criteria of \leq 4°C. Cooler temperatures ranged from seven degrees to 14°C. This was not interpreted to have had a significant impact on results and no additional qualification of results was conducted.

Initial Calibration. Initial calibrations for the DRO analysis were reviewed for incorporation of the method required calibration levels, minimum Relative Response Factor (RRF) requirements, and Percent Relative Standard Deviation (%RSD) for the RRFs in the initial calibration. All initial calibrations showed utilization of the required calibration levels, RRFs greater than 0.05 and, %RSD values <20%.

Initial calibrations for the GRO analysis were reviewed for incorporation of the method required calibration levels, minimum Relative Response Factor (RRF) requirements, and Percent Relative Standard Deviation (%RSD) for the RRFs in the initial calibration. All initial calibrations showed utilization of the required calibration levels, RRFs greater than 0.05 and, %RSD values <20%.

Continuing Calibration. Continuing calibrations were analyzed for the DRO analysis at the mid-point level of 2500 µg/mL. All continuing calibrations were < 15% Difference.

Continuing calibrations were analyzed for the GRO analysis at the mid-point level of 200 µg/L. All continuing calibrations were ≤ 15% Difference.

Method Blank. Method blanks were analyzed for both the DRO and GRO methods after the initial or continuing calibration standards run and, prior to the analysis of samples. All method blanks analyzed were less than the reporting limits for any target compounds in both the DRO and GRO analyses.

Surrogate Spikes. All samples analyzed for DRO were spiked with σ -Terphenyl at a final concentration of 20 µg/mL prior to the extraction step of the method. The surrogate recoveries for all samples analyzed were within laboratory generated control limits, except for sample SS-M9-01(052678-0013-SA). The surrogate recovery for this sample was less than laboratory generated control limits. This sample was diluted 1:10 prior to analysis to bring the quantitation concentration within the calibration range of the instrument. No additional qualification of results is recommended due to the level of dilution.

All samples analyzed for GRO were spiked with 1-Chloro-4-fluorobenzene, Internal Standard (IS) and, α,α,α -Trifluorotoluene (TFT) surrogate at a concentration of 30 μ g/L prior to analysis. The surrogate recoveries for all samples analyzed were within method acceptance criteria.

Matrix Spikes/Matrix Spike Duplicates. Samples submitted were not specified for analysis of Matrix Spike/Matrix Spike Duplicates (MS/MSD). Samples were selected, by the laboratory for MS/MSD analysis for DRO. Three water samples MW-03-10(052856-001-SA), RNSW-SB-02(052680-0001-RB) and, WW#2(052614-0001-SA), were selected for MS/MSD analysis. All sample sets selected for MS/MSD analysis were within laboratory generated control limits for percent recovery and Relative Percent Difference (RPD).

GRO samples submitted were not specified for analysis of MS/MSD. However, samples were selected by the laboratory for MS/MSD analysis for GRO. Three water samples MW-03-01(052856-0002-SA), RNSW-SB-02(052680-0001-RB) and, WW#2(052614-0001-SA) and, one soil matrix, SB-08-02(052678-0001-SA) were selected for MS/MSD analysis. All water samples selected for MS/MSD analysis were within laboratory generated control limits for percent recovery and RPD. Soil sample SB-08-01(052678-0001-SA) had MS/MSD recoveries outside laboratory generated control limits for percent recovery of 60% to 140%. RPDs were within the RPD control limit of 20. The percent recovery for the MS was 59%, the MSD percent recovery was 51%. These results indicate that the soil GRO results are estimated values with a possible low bias, however, results are usable with qualification.

Laboratory Control Samples. Laboratory Control Samples (LCSs) were prepared and analyzed as Duplicate Control Samples (DCS) for the DRO method. DCSs are prepared as natural matrix spike samples. Laboratory generated control limits are established at ± 44% RPD. DCS RPD results were all within laboratory generated control limits.

LCSs were analyzed after initial or continuing calibrations and prior to the analysis of method blanks and samples for GRO. All LCSs analyzed were within acceptance criteria for GRO analysis.

Overall Assessment. Data presented from the analysis of DRO was of an overall good quality. There were no technical or quantitative problems with the data. The sample temperature issue discussed in Section 3.2 does not affect the overall quality and usability

of the data package. ABB-ES does not recommend or require any new notations or changes to the data.

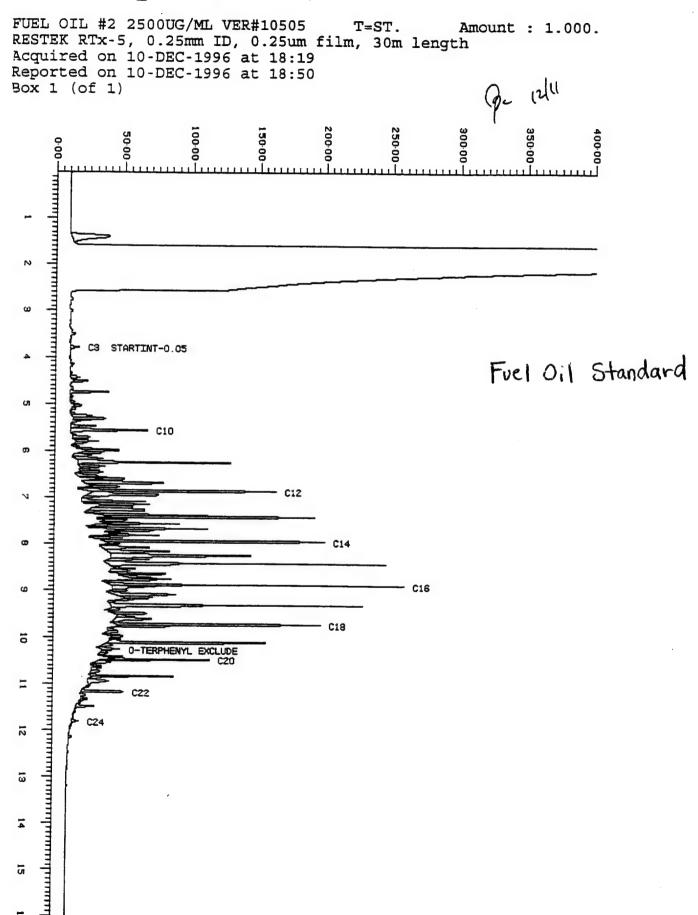
Data presented from the analysis of GRO was of an overall good quality. There were no technical or quantitative problems with the data. The sample temperature issue discussed in Section 3.2 does not affect the overall quality and usability of the data package. ABB-ES does not recommend or require any new notations or changes to the data.

DRO CHROMATOGRAMS

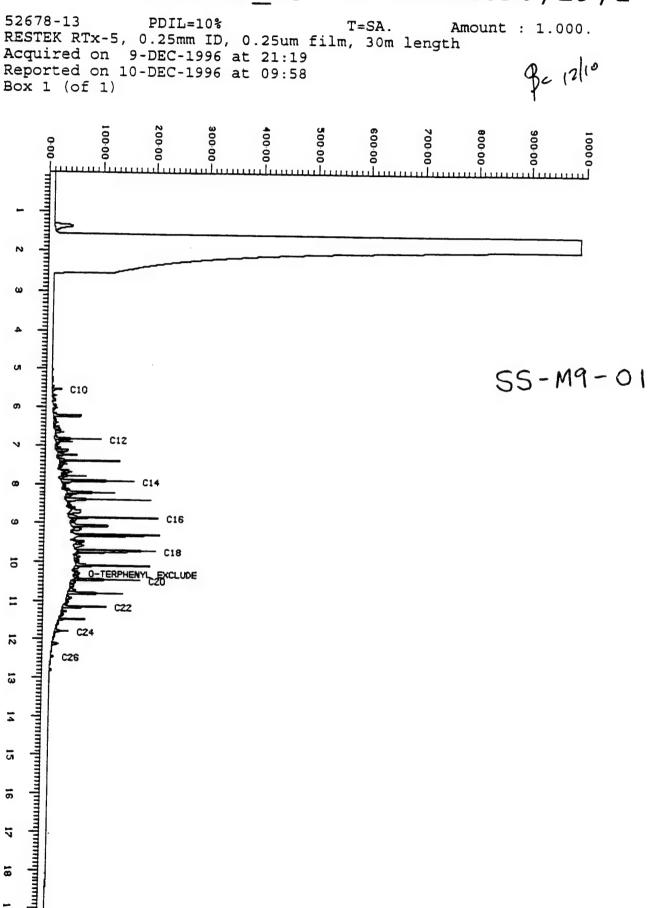
ABB Environmental Services, Inc.

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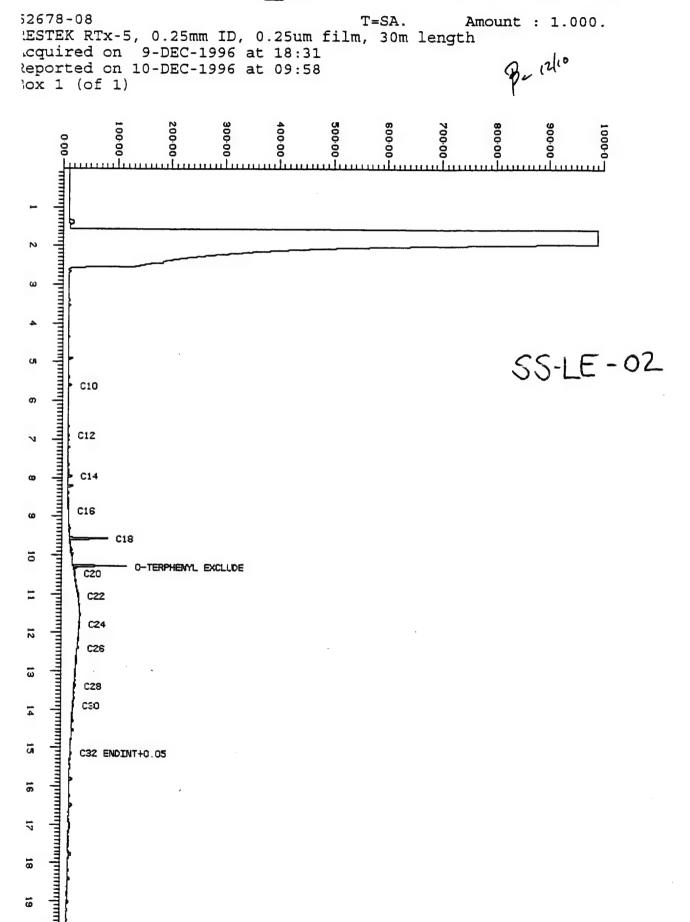
[FID12_2] 76 Z10DEC96,14,1



[FID12_2] 76 Z09DEC96,19,1

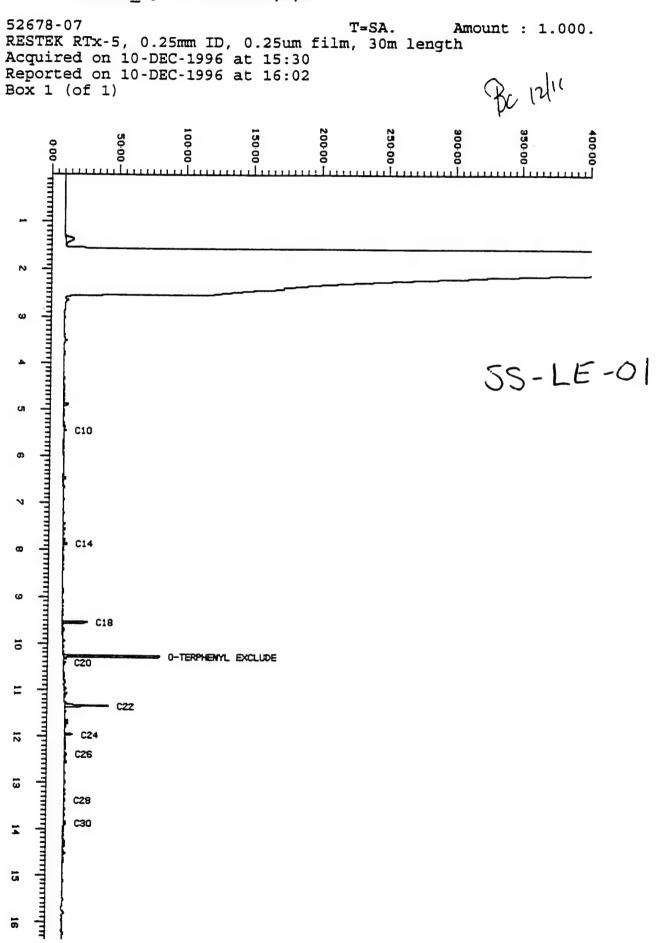


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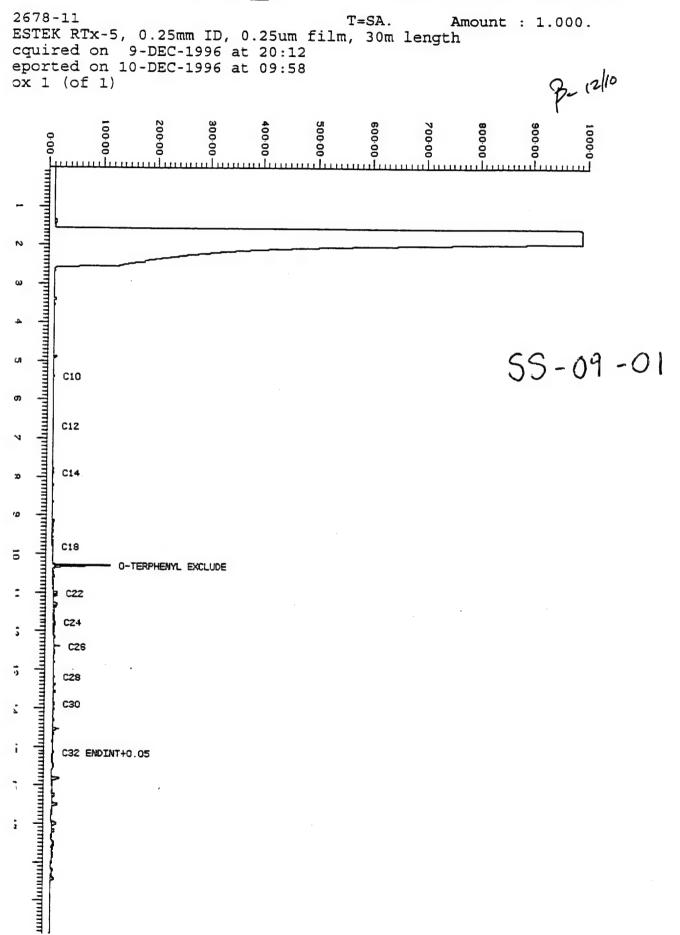


[FID12_2] 76 Z10DEC96,9,1

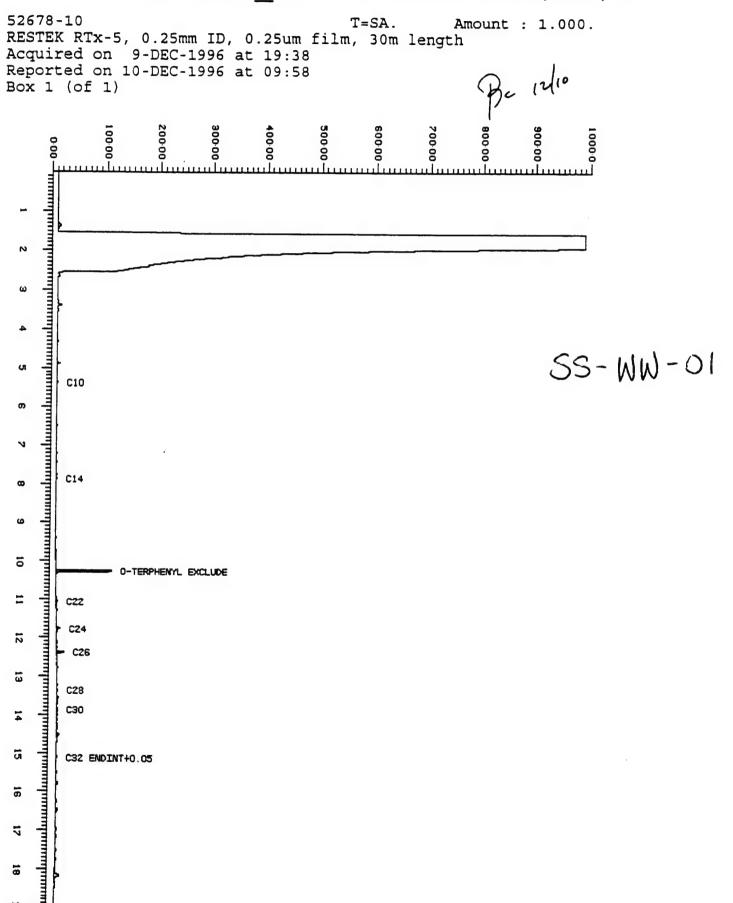
 $(x,y) \in \mathbb{R}^{n} \times \mathbb$



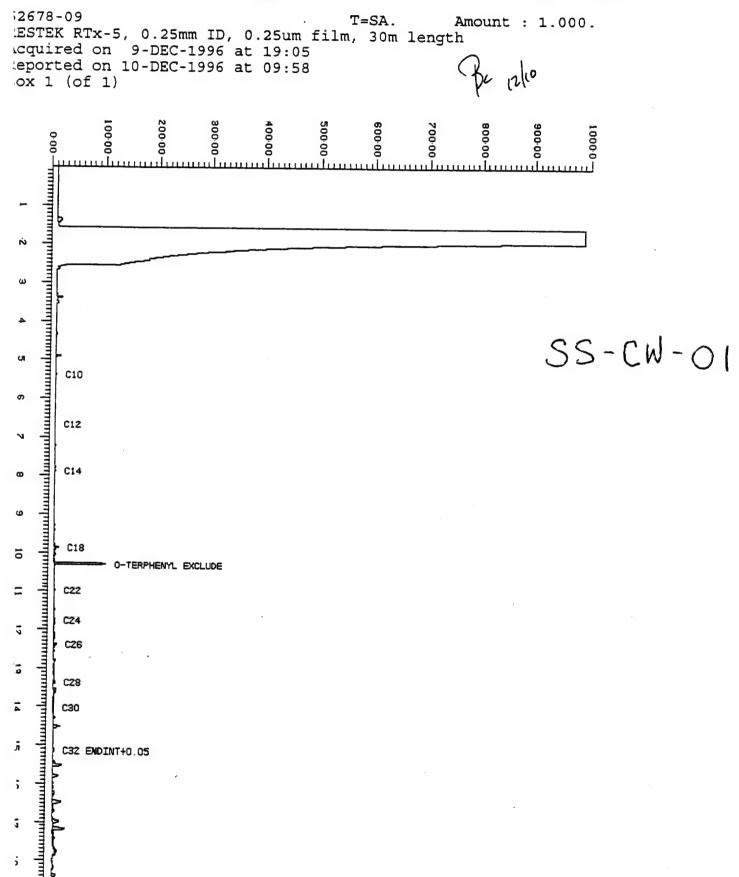
[FID12_2] 76 Z09DEC96,17,1



[FID12 2] 76 Z09DEC96,16,1

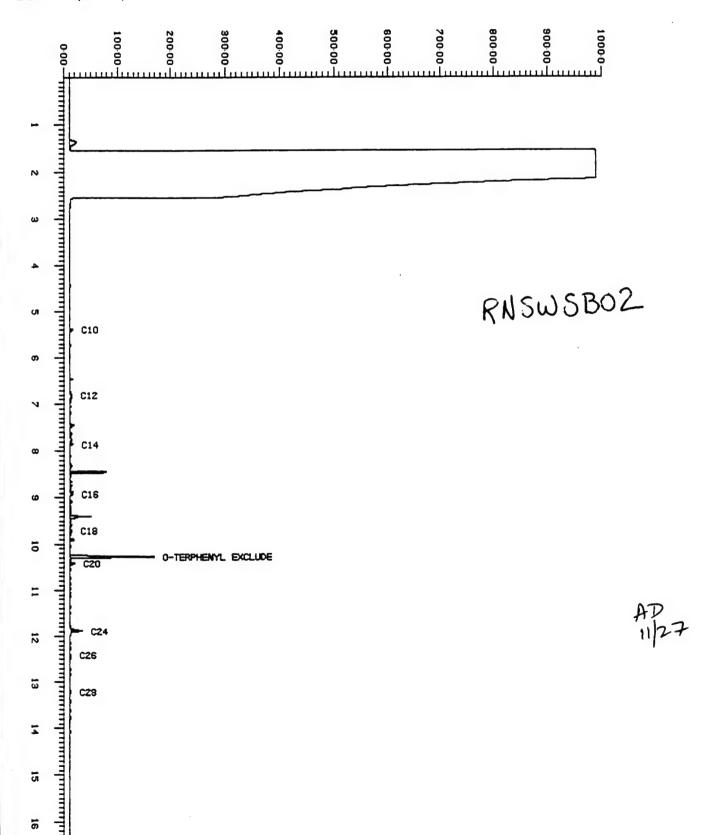


[FID12_2] 76 Z09DEC96,15,1

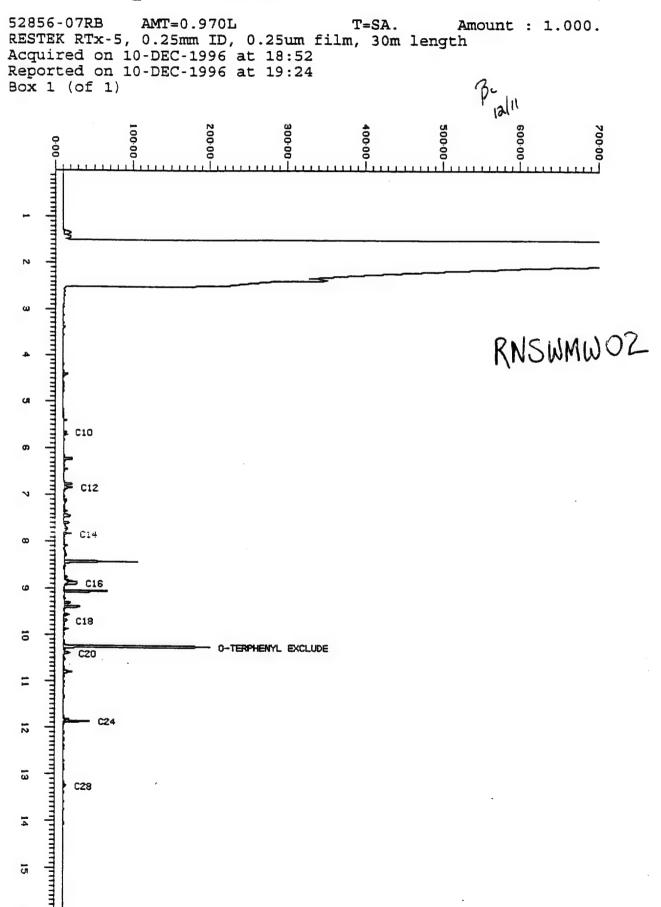


[FID11 4] 75 Z26NOV96,9,1

52680-01 AMT=0.94L PDIL=100% T=SA. Amount: 1.000. RESTEK RTx-5, 0.25mm ID, 0.25um film, 30m length Acquired on 26-NOV-1996 at 12:33 Reported on 26-NOV-1996 at 13:04 Box 1 (of 1)

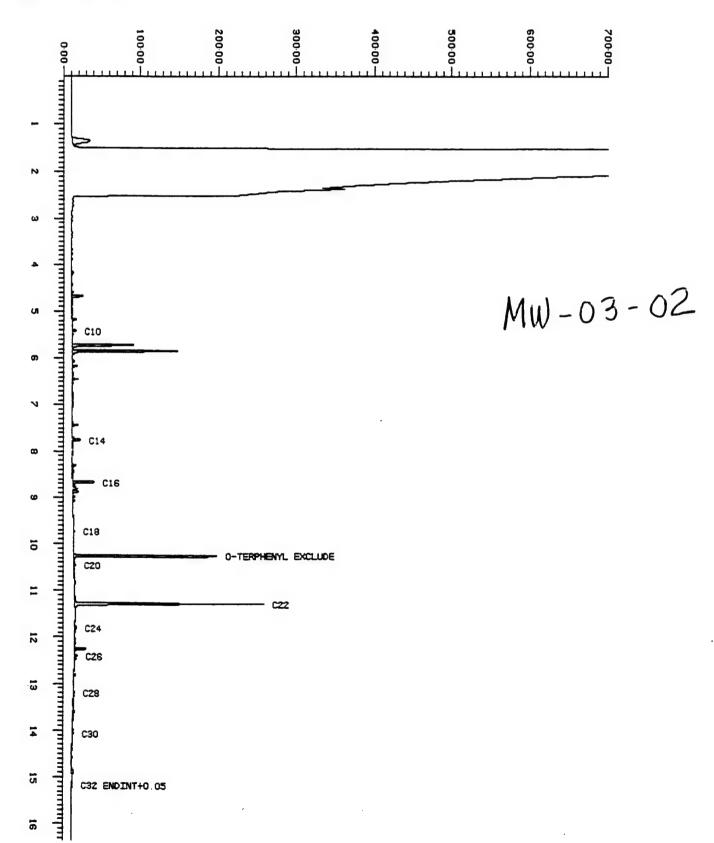


[FID12_2] 75 Z10DEC96,15,1



[FID12_2] 75 Z10DEC96,11,1

52856-02 AMT=0.855L T=SA. Amount: 1.000. RESTEK RTx-5, 0.25mm ID, 0.25um film, 30m length Acquired on 10-DEC-1996 at 16:38 Reported on 10-DEC-1996 at 17:10 Box 1 (of 1)



USAEC/IRDMIS ANALYTICAL RESULTS

IRDMIS DATA-FINAL DOCUMENTATION REPORTS

W001976APP

SURFACE SOIL

ABB Environmental Services, Inc.

W001976APP

Final Documentation Appendix Report Installation :Fort Allen, Puerto Rico (FN) File Type: CSO Sampling Date Range: 01-JAN-75

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		Data	and a		
	45-11	Mose Codes	20000 6000		A 2011
	3	Ro Con		7 81	2.5
20-UAN-77		Analyte Description		Diesel range organics	Lead
Called Face Adige. Of JAN. 12	th/	rix CAS No.		\S	GPB1/S 7439-92-1
	Lab Me	Lab Anly. No. Mat	***	RL 52678-11 DRO	GPB
		Date		96-NON-6	
		. Depth		1.0	
	Field	Sample No.		S090101X	
	Site	2		SS-09-01	
	Site	Type	!	PLUG	

4.	Lab	Meth/			3			1111	4	
	Lab Anly. No.	Matrix	CAS No.	Analyte Description	8	Conc	Meas	Codes	Duata	Oles le
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96	RL 52678-11	DRO /S		Diesel range organics		18.6	บบก	>		
		GPB1/S	7439-92-1	Lead		42	9 2	. 2		
		GRO /S		Gasoline range organics	_		9 2	å >		
		GSE1/S	7782-49-2	Selenium	: <u>-</u>		200	• >		
		GTL1/S	7440-28-0	Thallium	5	- 2	990	- >		
		HGC1/S	7439-97-6	Mercury		. ~!	990	· >		
		1CM1/S	7440-36-0	Antimony		! -	991	• >		
			7440-38-2	Arsenic	<u>-</u>		9 9	- >		
			7440-41-7	Beryllium	5	· 	9 2	> >		
			7440-43-9	Cachrium	5		9 5	• >		
		1CP1/S	7429-90-5	Aluminum	i	21800	201	× ×		
			7439-89-6	Iron		27900	990	2 2		
			7439-95-4	Magnesium		22500	090	,		
			7439-96-5	Manganese		980	1166	Z Z		
			7440-02-0	Nickel		35.4	neg	· >		
			2-60-0552	Potassium		1000	1166	· >		
			7440-22-4	Silver	5	2	990	· >		
			7440-23-5	Sodium	5	1000	990	· >		
			7440-39-3	Barium	ı	154	9 5	. >		
			7440-47-3	Chromium		28.3	991	· >		
			7-85-0552	Cobalt		18.4	9 5	- >		
			7440-50-8	Copper		56.3	990	• >		
			7440-62-2	Vanadium		71.4	995	• >		
			9-99-0552	Zinc		63.8	997	• >		
			7440-70-2	Calcium		1.02 F S	200	• >		
		SMV2/S	100-01-6	4-Nitroaniline	_	1	9 0	• >		
			100-02-7	4-Nitrophenol	: =	· «		> >		
			105-67-9	2.4-Dimethylphenol	: =	33	9 9	> >		
			106-44-5	D-Cresol / 4-Cresol / 4-Methylphenol	: =	44	9 5	• >		
			106-46-7		: <u>-</u>	**		• >		
			106-47-8	4-Chloroaniline		31	200	> >		
			108-60-1	Bis(2-chloroisopropyl) ether		33	9 2	- >		
			108-95-2	Phenol / Carbolic acid / Phenic acid		33	200	• >		
				/ Phenylic acid / Phe*	;		3	•		
			111-44-4	Bis(2-chloroethyl) ether		33	991	>		
			111-91-1	Bis(2-chloroethoxy) methane		33	200	• >		
			117-81-7	Ris(2-ethylhexyl) phthelete		32	9 0	> >		
			117-84-0	Districted about of			200	> :		
			110-7/-4	מיייידו הכראו שונשושופ		ų.	990	>		
			170-74-1	nexacn or openzene	5	.33	990	>		
			1-21-021	Anthracene		.33		>		
			120-82-1	1,2,4-Trichtorobenzene		.33		>		
			120-83-2	2,4-Dichlorophenol		.33	000	>		
			121-14-2	2,4-Dinitrotoluene		.33	990	>		
			0-00-621	Benzo[det]phenanthrene / Pyrene	5	.33	990	>		

^{* -} Analyte Description has been truncated. See Data Dictionary

Final Documentation Appendix Report Installation :Fort Allen, Puerto Rico (FN) File Type: CSO Sampling Date Range: 01-JAN-75 28-JAN-97

Site Site
Type ID
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28-JAN-97

* - Analyte Description has been truncated. See Data Dictionary

Final Documentation Appendix Report Installation :Fort Allen, Puerto Rico (FN) File Type: CSO

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CAS No. Analyte Description	2-Chloronaphthalene	3,3'-Dichlorobenzidine	o-Cresol / 2-Cresol / 2-Methylphenol	1,2-Dichlorobenzene	2-Chlorophenol	2,4,5-Trichlorophenol	Nitrobenzene / Essence of mirbane /	Oil of mirbane	7-Nitrophilips		•	4-Uniorophenyi phenyi ether		Unknown compound 551	Unknown compound 591	Unknown compound 605		Internal and And	compound	compound	compound	compound	Unknown compound 623	Compound	pur louwou	The state of			Unknown compound 658	Unknown compound 659	Unknown compound 663	Diesel range organics	Lead	Gasoline range organics	Selenium	That firm	>1:0:0:0E	Aptimony	Antimorry	Arsenic	Beryllium	Cadmium	Aluminum	Iron	E i a a c c a x		Nangariose Niotol	מו כאפר	Potassium	
CAS No.	91-58-7	91-94-1	95-48-7	95-50-1	95-57-8	95-95-4	98-95-3		2-00-00																								7439-92-1		7782-49-2	7440-28-0	9-20-0272	0-32-0792	0-20-044	7-96-0447	7440-41-7	2440-43-9	7429-90-5	7439-89-6	7-50-0272	5-90-0272	7,40-02-0	1440-02-0	7-60-044	
Meth/ Matrix	SMV2/S																															DRO /S	GPB1/S	GRO /S	GSE1/S	GTL1/S	HGC1/S	1CM1/S	2 1 1 2				1CP1/S		•			•		
Lab Anly. No.	52678-11																															52678-12																		
Lab	꿃																															귍																		
Sample Date	19-NOV-96																															1.0 19-NOV-96																		
Depth	1.0																														•	0.																		
Field Sample No.	S090101X																															S090201X																		
Site 10	SS																														20 20	20-60-88																		
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* - Analyte Description has been truncated. See Data Dictionary

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	Me Coo			6120	159	41.7	21.1	5.89	129	54.7	57800						11 .33	1	LT .33			11 .33		17.5						11 .33						11 11				55. 1.				1 1
File Type: CSO ate Range: 01-JAN-75 28-JAN-97	Analyte Description		Silver	Sodies	Barica	Chromium	Cobelt	Copper	Venedium	Zinc	Calcium	4-Nitroaniline	4-Nitrophenol	2,4-Dimethylphenol	p-Cresol / 4-Cresol / 4-Methylphenol	1,4-Dichlorobenzene	4-Chloreniline	Bis(2-chloroisopropyl) ether	Phenol / Carbolic acid / Phenic acid	/ Phenylic acid / Phe*	Bis(2-chloroethyl) ether	Bis(2-chloroethoxy) methane	Bis(2-ethylhexyl) phthalate	Di-n-octyl phthelate	Hexachlorobenzene	Anthracene	1,2,4-Trichlorobenzene	2,4-Dichlorophenol	2,4-Dinitrotoluene	Benzo [def] phenanthrene / Pyrene	Dimethyl phthalate	Dibenzofuran	Benzolgh 1] pery ene	Renzo(h) filozopetono	Benzof(uoranthene	Fluoranthene	Benzo [k] fluoranthene	Acenaphthylene	Chrysene	Benzo (a) pyrene	2,4-Dinitrophenol	Dibenz [ah] anthracene / 1,2:5,6-	Dibenzanthracene	4,0-Dinitro-Z-cresol / 2-Methyl-4,6- dinitrophenol
Date Range	CAS No.		7440-22-4	1440-23-5	7440-39-3	1440-47-3	7440-48-4	7440-50-8	7440-62-2	7440-66-6	7440-70-2	9-10-001	100-02-7	105-67-9	106-44-5	7-94-901	D-14-001	108-60-1	7-64-901		711-44-4	1-16-111	117-81-7	117-84-0	118-74-1	120-12-7	120-82-1	120-83-2	2-91-17	0-00-671	21-11-5	75-06-7	2-62-16	205-99-2		0-77-90	6-80-20	8-96-80	18-01-9	50-32-8	1-28-5	3-70-3	63/63	1-26-46
Sampling D	Meth/ Matrix		ICP1/S									SMV2/S																				_ •		- 14		~	~	~	~	•	5	•	•	n
•		:	RL 52678-12																																									
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	Site ID	20-00-85																																										
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^{* -} Analyte Description has been truncated. See Data Dictionary

Final Documentation Appendix Report Installation :Fort Allen, Puerto Rico (FN) File Type: CSO

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Sample Date 19-NOV-96

Depth

Sample No. 1 S090201X

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;		meas codes	_	> 500	066 V	> 99n		V 55U	\ 2011	2 000	V 250	NG6 v	١١٥٥ ٧	- :	A 550	^ 99n	A 9911	200		> 990	V 55U	7 221	> >	066 V	NGG V		١١٥٥ م	> 201				7 090	NGG V	v 55U						> 500	> 550		> > > > > > > > > > > > > > > > > > > >	> :		UGG VB	UGG VB	UGG VB				UGG VB
	Me Do Conc					LT .33		LT .33				LT .33	17 .33				17 33				LT .33				LT .33		8. 17						11 .33	11 .33									22 1				9 E -2		7		~	iε
				•			-						_			_					_	-					-1	· `		: ب	_	_		_	<u>ت</u>			. :	<u> </u>			-										
	Analyte Description		1 3-Dichlorohanzene	Donato for bathracean	A Water Color and a Certe	2-Methyl-4-chiorophenol / 4-Chioro-3-	cresol / 4-Chloro-3-m*	2,6-Dinitrotoluene	N-Nitrosodi-n-propylamine	Howeth proofbane	nevach toroethane	Hexachlorocyclopentadiene	Isophorone	Accountations	Acenapirmene	Diethyl phthalate	Di-n-butvi phthalate	Phenanthrana		Butylbenzyl phthalate	N-Nitrosodiphenylamine	Fluorene / 9M-Fluorene	Carbazole / OM-Carbazole	מו מפלמוב / או כפו מפלמוב	Hexachlorobutadiene / Hexachloro-1,3-	butadiene	Pentachlorophenol	2.4.6-Trichlorophenol	2-Nitrosniline		Z-Witrophenol	Naphthalene / Tar camphor	2-Methylnaphthalene	2-Chloronaphthalene	3,3'-Dichlorobenzidine	o-Cresol / 2-Cresol / 2-Methylphenol	1.2-Dichlorobenzene	2-Chlorophenot	2.4.5-Trichlorophenol	Nitrobonzono / Econoco of minhone /	Oil of mirhana	X-Witnestiline	4-Rromonhenvi phenvi ather	A-Chlorophonyl phonyl otho	debend opposite prenyt etner		Unknown compound 606			compound		Unknown compound 637
	CAS No.		541-73-1	24-55-2	1 0	1-06-66		606-20-2	621-64-7	47-72-1	1 2 10	4-14-11	78-59-1	0.27.79	03,75-1	7-99-59	84-74-2	85-01-8	0 0 0	03-08-	86-30-6	86-73-7	86-74-8	100	87-68-3		87-86-5	88-06-2	77-78	20 75 E	2,00	91-20-3	91-57-6	91-58-7	91-94-1	95-48-7	95-50-1	95-57-8	95-95-4	08-05-3		20-00-2										
Moth/	Matrix		SWV2/S																																							•										
4	Antv. No.		52678-12																																																	
	Lab An	:	RL 5																																																	

^{* -} Analyte Description has been truncated. See Data Dictionary

28-JAN-97

Site Site Type 10 ---- PLUG SS-09-02 SS-LE-01

rinal Documentation Appendix Report	installation :Fort Allen, Puerto Rico (FN)	File Type: CSO
T L	Install	

EPA Data Quals	
Data	
Unit Flag Meas Codes	
Me Bo Conc	1
28-JAN-97 Stion	4-Nethylphenol Lether Aphenol Lether Lether Lether Lethane Letha
01-JAN-75 Analyte Description	Unknown compound 660 Diesel range organics Lead Gasoline range organics Selenium Thallium Mercury Antimony Arsenic Beryllium Cadmium Aluminum Iron Magnesium Silver Sodium Silver Cobalt Copper Varadium Chromium Chromium Chromium Chromium Chromium Chosel Copper Varadium Silver Sodium Silver Sodium Silver Sodium Silver Sodium Chromiline 4-Witrophenol D-Cresol / 4-Meth I,4-Dichlorobenzene 4-Chloroaniline 4-Chloroaniline 6:4-Chloroethyl) ether Bis(2-chloroethyl) ether Bis(2-chloroethyl) pheal I,2-Chlorobenzene Bis(2-chlorobenzene Bis(2-chlorobenzene Bis(2-chlorobenzene Bis(2-chlorobenzene Bis(3-chlorobenzene Anthracene Anthracene Anthracene Anthracene Z,4-Dichlorophenol Z,4-Dichlorophenol Z,4-Dichlorophenol Z,4-Dinitrotoluene
മ	7439-92-1 7782-49-2 7440-28-0 7459-97-6 7440-38-2 7440-43-9 7440-02-0 7440-02-1 7440-01-0 1100-01-0 1100-01-0 1111-01-1 111-01-1 111-01-1 111-01-1 111-01-1 1120-02-1
Sampling Meth/ Matrix (SW2/S ORO /S GR0 /S GR1/S GTL1/S HGC1/S ICM1/S SW2/S
Lab Lab Anly. No.	RL 52678-12 RL 52678-07
Sample Date	19-NOV-96 19-NOV-96
Depth	0.0.
Field Sample No.	S090201X SLE0101X

^{* -} Analyte Description has been truncated. See Data Dictionary

Final Documentation Appendix Report Installation :Fort Allen, Puerto Rico (FN) File Type: CSO

28-JAN-97
28-,
01-JAN-75
)ate Range:
Sampling

400	Quals	; ; ;																																														
4	Quals	:																																														
tiell to				V DDU	NGG V	A 550	v 25U		۸ ويان الاد			> 200			V 50U	NGG V		V 20U		V 201			V 550		NGG V	V 200	V 99U			SA DOO		NGG V	V 05U	V 55U	v 55U	v 55U			v 990					١١٥٥ ٨	> > 000	> 500	> 5000	V 250
0		LT .33				LT .5			11 33	- -					۲٦ .8			11.1		17 72	22					11 .33	LT .33	9	:	cc.						LT .33				11 .33			•				• • • • • • • • • • • • • • • • • • • •	
	Analyte Description	Benzo[def]phenanthrene / Pyrene	Dimethyl phthalate	Dibenzofuran	Benzo[ghi]perylene	Indeno[1,2,3-C,0]pyrene	to[b]fluoranthene / 3,4-	Benzofluoranthene	Fluoranthene	Benzo [k] fluoranthene	Aconomb + hv one	Chrysopp		Benzolajpyrene	2,4-Dinitrophenol	Dibenz[ah]anthracene / 1,2:5,6-	Dibenzanthracene	4,6-Dinitro-2-cresol / 2-Methyl-4.6-	dinitrophenol	1 3-Dichlorobenzene	Renzo follonthracene	settorial action of the settors of the set o	_	cresot / 4-chioro-3-m²	2,6-Dinitrotoluene	N-Nitrosodi-n-propylamine	Hexachloroethane	ppDDD / 1.1-Dichloro-2.2-bis(p-	chloropheny lethene / Shoth*	z,z-Bis(p-cniorophenyl)-1,1-	dichloroethene	Hexachlorocyclopentadiene	Isophorone	Acenaphthene	Diethyl phthalate	Di-n-butyl phthalate	Phenanthrene	Butylbenzyl phthalate	N-Nitrosodiphenylamine	Fluorene / 9H-Fluorene	Carbazole / 9H-Carbazole	Hexachlorobutadiene / Hexachloro-13-	butadiene	Pentachlorophenol	2 4 4-Trichlorophanol	2-Nitrophiling		z-ni tropnenot
	Anal	Be.		Dib	Benz	Ind	Ben	Ben	Flu	Ben		֝֟֝֓֞֝֓֞֝֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓	5 6	<u> </u>	2	<u>=</u>	ä	4.6	ġ.	-	- 0	7 7	E .	בים	2,6	z 2	÷	d	- {	7	ē	운	S	Ace	Die	Ö	Ph	But	Z-2	FL	Car	Hex	Q	D	٠,	16	10	7
	CAS No. Anal				191-24-2 Benz		205-99-2 Benz	Ben	206-44-0 Flu							53-70-3 Dil		534-52-1 4.6		541-73-1		50-50-7 Z-M				_																						
Meth/	CAS No.	129-00-0						Ben																		_													86-30-6 N-N							7 7 7 88		
lab Meth/	lo. Matrix CAS No.	52678-07 SMVZ/S 129-00-0						Ben																		_																						
	Lab Anly. No. Matrix CAS No.	96 RL 52678-07 SMVZ/S 129-00-0						Ben																		_																						
q	Lab Anly. No. Matrix CAS No.	19-NOV-96 RL 52678-07 SMVZ/S 129-00-0						Ben																		_																						
q	o. Depth Date Lab Anly. No. Matrix CAS No.	1.0 19-NOV-96 RL 52678-07 SMVZ/S 129-00-0						Ben																		_																						
Sample	ID Sample No. Depth Date Lab Anly. No. Matrix CAS No.	SS-LE-01 SLE0101X 1.0 19-NOV-96 RL 52678-07 SMVZ/S 129-00-0						Ben																		_																						

^{* -} Analyte Description has been truncated. See Data Dictionary

Final Documentation Appendix Report Installation :Fort Allen, Puerto Rico (FN) File Type: CSO

	EPA Data Quals	
	Data Quals	
	Unit Flag Meas Codes 166 V UGG V UGG V UGG V UGG V UGG V	
	Me Conc 1 1 33 1 1 33 1 1 33 1 1 33 1 1 33 1 1 33 1 1 33	1
Date Range: 01-JAN-75 28-JAN-97	Analyte Description Haphthalene / Tar camphor 2-Methylnaphthalene 2-Chloronaphthalene 3,3'-Dichlorobenzidine 0-Cresol / 2-Cresol / 2-Methylphenol 1,2-Dichlorobenzene 2-Chlorophenol 2,4,5-Trichlorophenol Nitrobenzene / Essence of mirbane / 0il of mirbane 3-Nitroaniline	
_	1, CAS No. 15 91-20-3 19 1-57-6 19 1-58-7 19 1-548-7 19 1-57-8 19 1-58-7 19	
Sampling	Lab Meth/ Lab Anly. No. Matrix RL 52678-07 SMV2/S	
	Sample Date 19-NOV-96	
	Depth	
	Field Sample No. SLE0101X	
	Site 10 SS-LE-01	
	Site Type Tug	

						00-00				
						7-40-44	5-Witroaniline		990	>
							4-Bromophenyl phenyl ether	LT .33	ออก	>
							4-Chlorophenyl phenyl ether	LT .33	ออก	>
							N-Tetradecanoic Acid Amide		990	, s
								•0	000	5
								-	990	8
								r.	990	8
								'n	090	5
							Unknown compound 623	7	990	9
									990	VBO
							Unknown compound 630	9 E -2	990	8
							Unknown compound 637	-	990	8
_	1	1 0 10-MAY-04	ā	E3478 08	9		Unknown compound 668	7 E -2	990	>
	:	2011		00-0/076	0X0 0X0 0X0 0X0 0X0 0X0 0X0 0X0 0X0 0X0	7, 10, 02, 4	Diesel range organics	45.3	990	>
					2/19/2	1-24-46+1	D	1300	990	BV
					GRO /S		Gasoline range organics		990	· >
					SEI/S	2-65-79/	Selenium	11 1	000	>
					GTL1/S	7440-28-0	Thellium	LT 2	1166	>
					HGC1/S	7439-97-6	Mercury	.261	9 2	• >
					ICM1/S	7440-36-0	Antimony	•	99	. >
						7440-38-2	Arsenic			> >
						7440-41-7	Beryllig	\ -	3 5	> :
						7440-43-9	Cacinium	- +	3 0	> :
					1CP1/S	7429-90-5	Aliminam		990	> !
						7430-80-6		4380	300	8
						7-50-0172		16500	990	9
						7410-06-5		00101	99	>
						0 00 0772		250	990	8
						0-20-04-7	HICKE!	11.6	5 50	>
						- KO-O##	Potessica		nee	>
						7440-22-4	Silver		2011	>
						7440-23-5	Sodium	1 1000	991	. >
						7440-39-3	Barica			• :
						7440-47-3	Chromium	45	2 2	> :
						7440-48-4	Cobelt		3 5	> :
								:	200	>

SLE0201X

SS-1E-02

* - Analyte Description has been truncated. See Data Dictionary

Final Documentation Appendix Report Installation :Fort Allen, Puerto Rico (FN) File Type: CSO Sampling Date Range: 01-JAN-75

	EPA Data Quals
	Data E Quals
	Meas Codes
	Me Bo Conc
74-NAN-10	Analyte Description Copper Vanadium Zinc Calcium C-Alitrophenol
dampering pace hange. OI JAN 13	CAS No
Sill value	Meth/ Matrix ICP1/S
	Lab Anty. No.
	Depth
	Field Sample Sample No. Depth Date
	Site ID SS-LE-02
	Site Type PLUG

	7-07-0457	Calcium		1.98 E 5	990	>
SMV2/S	100-01-6	4-Nitroaniline	5	∞.	000	>
	100-02-7	4-Nitrophenol	-	80.	090	>
	105-67-9	2,4-Dimethylphenol	5	.33	000	>
	106-44-5	p-Cresol / 4-Cresol / 4-Methylphenol	ב	.33	ngg	>
	106-46-7	zene	ב	.33	000	>
	106-47-8	4-Chloroaniline		.33	990	>
	108-60-1	Bis(2-chloroisopropyl) ether	ב	.33	000	>
	108-95-2	Phenol / Carbolic acid / Phenic acid	=	.33	000	>
		/ Phenylic acid / Phe*				
	111-44-4	Bis(2-chloroethyl) ether	5	.33	ngg	>
	111-91-1	Bis(2-chloroethoxy) methane	ב	.33	000	>
	117-81-7	Bis(2-ethylhexyl) phthalate	=	.33	090	· >
	117-84-0	Di-n-octyl phthalate	_	٦.	000	>
	118-74-1	Hexachlorobenzene	5	.33	090	>
	120-12-7	Anthracene	_	.33	ngg	>
	120-82-1	1,2,4-Trichlorobenzene	=	.33	990	>
	120-83-2	2,4-Dichlorophenol	ב	.33	ออก	>
	121-14-2	2,4-Dinitrotoluene	5	.33	550	>
	129-00-0	Benzo[def]phenanthrene / Pyrene	=	.33	ออก	>
	131-11-3	nalate	٥	.33	99N	>
	132-64-9	Dibenzofuran	_	.33	000	>
	191-24-2	Benzo[ghi]perylene	ב	9.	000	>
	193-39-5	Indeno[1,2,3-C,D]pyrene	ב	5.	ngg	>
	205-99-2	Benzo[b]fluoranthene / 3,4-	5	.33	990	>
		Benzofluoranthene				
	206-44-0	Fluoranthene	=	.33	000	>
	207-08-9	Benzo[k]fluoranthene	=	.5	ngg	>
	208-96-8	Acenaphthylene	5	.33	99n	>
-	218-01-9	Chrysene	=	.33	000	>
	50-32-8	Benzo [a] pyrene	=	.33	000	>
	51-28-5	2,4-Dinitrophenol	5	ε.	000	>
-•	53-70-3	Dibenz [ah] anthracene / 1,2:5,6-	5	9.	กดด	>
		Dibenzanthracene				
	534-52-1	4,6-Dinitro-2-cresol / 2-Methyl-4,6- dinitrophenol	=	_	NGG	>
	541-73-1	1,3-Dichlorobenzene	1	.33	990	>
-• '	5-55-95	Benzo[a] anthracene	_	.33	99n	>
,	573-98-8	1,2-Dimethylnaphthalene		.15	990	S
	29-20-7	3-Methyl-4-chlorophenol / 4-Chloro-3-	ב	.33	990	>
		cresol / 4-Chloro-3-m*				

* - Analyte Description has been truncated. See Data Dictionary

Site Type PLUG

Final Documentation Appendix Report Installation :Fort Allen, Puerto Rico (FN) File Type: CSO

	EPA Data	Quals	•																																												
	Date	gnels																																													
		Meas Codes	_			^ 200				> 990					> 990		nee v		A 990	> 550	> 990									> > 990			^ 35H	> 200	> 990 000	UGG VR	-	_	000 VR					-		UGG VB	> 550
	a	Bo Conc		11.33	11 .33	11 33						55.					ב							17 .33				11			LT .33			11 .33		~	141	7 E -2	,	. ~	, s.	٠,	~		8 E -2	- '	7.
Sampling Date Range: 01-JAN-75 28-JAN-97	Analyte Description	יייייייייייייייייייייייייייייייייייייי	2,6-Dinitrotoluene	N-Witrosodi-n-propylamine	Hexachloroethane	Mexachlorocyclopentadiene	Isophorone	Acenarhthene	Diethyl obthalate	Di-p-hityl shehelete	Dhennothrene	Ruty (benzy) phthe ste	Man Man and Ma	A MILLOSOGI DUBLING	rinorene / 9H-Fluorene	Carbazole / 9H-Carbazole	Hexachlorobutadiene / Hexachloro-1,3-	Dutadi ene	Pentachiorophenol	2,4,0-Irichiorophenol	2-Nitroeniline	Z-Ni trophenol	Naphthalene / Tar camphor	2-Methylnaphthalene	2-Chloronaphthalene	3,3'-Dichlorobenzidine	o-Cresol / 2-Cresol / 2-Methylphenol	1, 2-Dichlorobenzene	2-Chlorophenol	2,4,5-Trichlorophenol	Witrobenzene / Essence of mirbane /	Oil of mirbane	3-Nitroaniline	4-Bromophenyl phenyl ether	4-Chlorophenyl phenyl ether	Unknown compound 539	Unknown compound 551	punoduos	compound			Unknown compound 618	Unknown compound 623			Unknown compound 637	CIENTING COMPORTED 539
g Date Range:	CAS No.			621-64-7	67-72-1	77-47-4	78-59-1	83-32-9	84-66-2	84-74-2	85-01-8	85-68-7	86-30-6	2 2 2	7-00-07	0-4/-00	6-66-70	87-84-E	88-04-2	7-00-00		25-73-5	91-20-3	91-57-6	91-58-7	91-94-1	95-48-7	95-50-1	95-57-8	95-95-4	98-95-3		2-60-66														
Semplin	Meth/ Matrix		SMV2/S																																												
	Lab Lab Anly. No.	:	RL 52678-08																																												
	Sample Date		19-NOV-96																																												
	Depth		0.																																												
	Field Sample No.		SLEUZUIX																																												
	e Site																																														

^{* -} Analyte Description has been truncated. See Data Dictionary

	EPA Data Quals																																											
	Data Quals																																											
	Unit Flag Meas Codes	V 55U	v 55U	\ 000 \ \ 000		> > 200	> > 990	> 550 000	> 550 050	NGG V	A DDN	v 55U							NGG V		NGG V	V 55U	NGG V	V 25U	A 250							v 55U	A 550	V 25U				NGG V						V 200
	Me Bo Conc	8 E -2		1260 25	10.6		17.5	LT .2		LT 5	1.1	•	15300	23500	11500	869		LT 1000		LT 1000	8.99	50	13.1	34.1	22	8.79	74200		LT 3	11 1	LT 1	1.1	11 1	111	111		111	11	'n	11	LT 2	11	1 1	LT 1
Date Range: 01-JAN-75 28-JAN-97	Analyte Description	Unknown compound 663	Unknown compound 668	Uleset range organics Lead	Gasoline range organics	Selenium	Thatlium	Mercury	Antimony	Arsenic	Beryllium	Cachium	Aluminum	Iron	Magnesium	Manganese	Nickel	Potassium	Silver	Sodium	Barium	Chromium	Cobalt	Copper	Vanadium	Zinc	Calcium	4-Nitroaniline	4-Nitrophenol	2,4-Dimethylphenol	p-Cresol / 4-Cresol / 4-Methylphenol	1,4-Dichlorobenzene	4-Chloroaniline	Bis(2-chloroisopropyl) ether	Phenol / Carbolic acid / Phenic acid	/ Phenylic acid / Phe*	Bis(2-chloroethyl) ether	Bis(2-chloroethoxy) methane	Eicosane	Bis(2-ethylhexyl) phthalate	Di-n-octyl phthalate	Hexachlorobenzene	Anthracene	1,2,4-Trichlorobenzene
Date Range:	CAS No.	:		7439-92-1		7782-49-2	7440-28-0	7439-97-6	7440-36-0	7440-38-2	7440-41-7	7440-43-9	7429-90-5	7439-89-6	7439-95-4	7439-96-5	7440-02-0	7-40-04-7	7440-22-4	7440-23-5	7440-39-3	7440-47-3	7440-48-4	7440-50-8	7440-62-2	2440-99-9	7440-70-2	100-01-6	100-02-7	105-67-9	106-44-5	106-46-7	106-47-8	108-60-1	108-95-2		111-44-4	111-91-1	112-95-8	117-81-7	117-84-0	118-74-1	120-12-7	120-82-1
Sampling	Meth/ Matrix	SMV2/S		GPB1/S	GRO /S	GSE1/S	GTL1/S	HGC1/S	ICM1/S				ICP1/S															SMV2/S																
		RL 52678-08	71 07763 17	KL 320/0-13																																								
	Sample Date	19-NOV-96	10-101-01	04-A04-41																																								
	Depth	1.0	•	•																																								
	Field Sample No.	SLE0201X	V1010042	V 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0																																								
	Site	SS	10-0M-33																																									
	Site Type	PLUG																																										

* - Analyte Description has been truncated. See Data Dictionary

Final Documentation Appendix Report Installation :Fort Allen, Puerto Rico (FN)

200

	The call	:		T.	Unit	Flag
	Matrix	CAS No.	Analyte Description	Bo Conc	C Meas	
. ,					:	
M	SMV2/S	120-83-2	2,4-Dichlorophenol	111	990	>
		121-14-2	2,4-Dinitrotoluene	-	991	• >
		129-00-0	Benzo [def] phenanthrene / Pyrene	5	991	· >
		131-11-3	Dimethyl phthalate	- 1	991	• >
		132-64-9	Dibenzofuran	: =	990	- >
		191-24-2	Benzo [ghi] perylene	11 2	991	• >
		1921-70-6	2,6,10,14-Tetramethylpentadecane	_	991	۸,
		193-39-5	Indeno[1,2,3-C,D]pyrene	11 2	990	· >
		205-99-2	Benzo [b] fluoranthene / 3,4-		991	. >
			Benzofluoranthene			
		206-44-0	Fluoranthene	11	990	>
		207-08-9	Benzo [k] fluoranthene	11 2	990	· >
		208-96-8	Acenaphthylene	-	991	• >
		218-01-9	Chrysene	5	201	• >
		50-32-8	Benzo [a] pyrene	1 1	990	. >
		51-28-5	2,4-Dinitrophenol	1	991	• >
		53-70-3	Dibenz[ah]anthracene / 1,2:5,6-	11 2	990	. >
			Dibenzanthracene			
		534-52-1	4,6-Dinitro-2-cresol / 2-Methyl-4,6-	11 4	990	>
			dinitrophenol		1	
		541-73-1	1,3-Dichlorobenzene	11	990	>
		544-76-3	Hexadecane	9	990	S
		56-55-3	Benzo (a) anthracene	111	990	>
		29-50-7	3-Methyl-4-chlorophenol / 4-Chloro-3-	-	990	. >
			cresol / 4-Chloro-3-m*			
		593-45-3	Octadecane	•	99n	۸s
				•	990	OSA
		2-02-909	2,6-Dinitrotoluene		990	>
		621-64-7	N-Nitrosodi-n-propylamine	11	990	>
		5-05-529	Tridecane	0	990	۸s
		4-65-679	Tetradecane	٥		۸s
		7-67-670	Neptadecane	0		۸s
		6-24-92-5	Nonadecane	O		۸S
		1-44-670	Henelcosene	S		S
		658-67-5	Inicosane / n-Tricosane	_		۸s
		1-7/-/0	Hexachloroethane	111		>
		4-/4-//	Hexach lorocyclopentadiene	- 1		>
		1-66-97-1	Isophorone	LT 1		>
		63-52-9	Acenaphthene	- 1	990	>
		24-00-2	Diethyl phthalate		990	>
		84-74-2	Di-n-butyl phthalate	11	990	>
		85-01-8	Phenanthrene	11	990	>
		82-88-7	Butylbenzyl phthalate	- 1	550	>
		86-30-6	N-Nitrosodiphenylamine	1	990	>

* - Analyte Description has been truncated. See Data Dictionary

Final Documentation Appendix Report
Installation :Fort Allen, Puerto Rico (FN)
File Type: CSO

	EPA Data	Quals																						_																					
	Data	anal s																																											
	Unit Flag	neas codes			V 220				> 200		250							> 200		:	A 550	A 550	> 000 :		N 990	NGG v	NGG V	A 550	V 55U	v 550	UGG VBD		v 55U	-	_	-			UGG BV		V DOU	V DGG V	v 55U	^ 99n	050 v
	Me Bo Coo		- : - :			1 1) -	- 1-					. M		-	-	- M		-	- 1	7 -		- \	.	Λ Ι	m i	m	7	2	2	۰,	٣	-	_	-	-	-	16	22.6		LT 1	LT 2	LT .2		
Date Range: 01-JAN-75 28-JAN-97	Analyte Description		Carbazole / Ou-Carbazole	Hexachlorobutadione / Hexachloro-1 2	butadiene	Pentachlorophenol	2.4.6-Trichlorophenol	2-Nitrogniline	2-Nitrophenol	Naphthalene / Tar camphor	2-Methylnaphthalene	2-Chloronaphthalene	3,3'-Dichlorobenzidine	o-Cresol / 2-Cresol / 2-Methylphenol	1,2-Dichlorobenzene	2-Chlorophenol	2,4,5-Trichlorophenol	Nitrobenzene / Essence of mirbane /	Oil of mirbane	3-Nitroaniline	4-Bromophenyl phenyl ather	4-Chlorophenyl phenyl othor	Unknown compound 530	Unknown compound 563			Circinomia Compound 360			UNKNOWN compound 580					Unknown compound 603	Unknown compound 623		Diesel range organics	Lead	Gasoline range organics	Setenta	ומפון ומש	Antimonia	Arsenio	Beryllium
	CAS No.	84-73-7	86-74-8	87-68-3		87-86-5	88-06-2	88-74-4	88-75-5	91-20-3	91-57-6	91-58-7	91-94-1	95-48-7	95-50-1	95-57-8	95-95-4	98-95-3		99-09-2																		* 60 02 /	1-24-45-1	. 07 .00	7-64-707	0-02-044	9-74-877	440-38-2	7440-41-7
Sampling	Meth/ Matrix	S/C/WS																																			9	UKU /S		GKU /S		UCC1/5 7			2
	Lab Lab Anly. No.	RL 52678-13																																			62470-40	01-07076	,	9 (7 3	- ·		
		19-NOV-96																																			10-MUV-04								
	Depth	1.0																																			2.0 1	2							
	Field Sample No.	SM90101X																																			SWW0102X								
	Site	SS-M9-01																																			SS-WW-01								
	Site Type	PLUG																																											

^{* -} Analyte Description has been truncated. See Data Dictionary

Final Documentation Appendix Report Installation :Fort Allen, Puerto Rico (FN) File Type: CSO Sampling Date Range: 01-JAN-75 28-JAN-97

EPA Data	Quats																																																
Data	s lens	•																																															
Unit Flag	Meas Codes	_	a^ 991	_			8A 990	> 990	NGG V	> 250	> > 001	> > > > > > > > > > > > > > > > > > > >	> 200	א מופר	> 290	> 99n	> 990	V 55U	7 251									> 550 000		> 5511	> > 991	> > 291												> 200	> 550		> 200	> 500 C	> 290
e e	מס רפוני	-	26300	4000	7	0000	201	8.94	3410		11 1000		707	2.4	24.5	53.7	128	69.2	38500	11 .8								11 .33		11 .33																			
Analyte Description		Codmium	Atominum	Iron	Mannesis			MICKEL	Potassica	Silver	Sodie		Chromium	Coppel e	118000	Copper	Vanadium	Zinc	Calcium	4-Witrosniline	4-Nitrophenol	2.4-Dimethylphenol	D-Cresol / 4-Cresol / 4-Methylphenal	1 4-Dichi probenzene	4-Chiorogniline		Bisic culoroisopropyi) etner	Phenol / Carbolic acid / Phenic acid	/ Phenylic acid / Phe*	Bis(2-chloroethyl) ether	Bis(2-chloroethoxy) methans	Bis(2-ethylhexyl) phthalate	Di-n-octyl phthelate	Hexach orobenzene	Anthracene	1.2.4-Trichlorobenzene	2.4-Dichtorochenol	2.4-Dinitrotoluene	Benzoldefinhenanthrane / Dyrana	Dimethyl chthalate	Dibertofirm		Indeport 2 Z.C Dimension	Benefit Allendation A	Renzo(L) (Columnia / 3,4"	Findrenthene	Renzo (t) floorenthene	Acesesh that are	accordance years
CAS No.		7440-43-9	7429-90-5	7439-89-6	7-50-0172	74.40-04-5	2/10 00 0	0-20-055/	7-60-05-7	7440-22-4	7440-23-5	7440-39-3	7440-47-3	7-87-0772	#-O#-O**	2.00-00-0	2-29-0552	2440-66-6	7440-70-2	100-01-6	100-02-7	105-67-9	106-44-5	106-46-7	106-47-8	108-40-4	-00-001	7-64-901		111-44-4	111-91-1	117-81-7	117-84-0	118-74-1	120-12-7	120-82-1	120-83-2	121-14-2	129-00-0	131-11-3	132-64-0	101-24-2	103.10.5	208-90-2	3 44 603	0-77-902	207-08-0	208-06-R	
Meth/		ICM1/S	ICP1/S																	SMV2/S																													
Lab Lab Anty. No.		RL 52678-10																																															
Sample Date		19-NOV-96																																															
Depth	. ;	5.0																																															
Field Sample No.		SW0102X																																															

* - Analyte Description has been truncated. See Data Dictionary

Site Type Type

Final Documentation Appendix Report Installation :Fort Allen, Puerto Rico (FN) File Type: CSO 28-JAN-97

						sampr ing	Date Kange: U1-JAN-75	01-JAN-75 28-JAN-97				
a a	Site	Field Sample No	4	•,	Lab	Meth/			Q.	+;4]	į	
	: ;	or and and	nden -	uate 	Lab Anty. No.	Matrix	CAS No.		Bo Conc		Quals	ePA Data
Š	SS-W4-01	SWW0102X	2.0	-	RI 52678-10	SWV2/C	218-01-0					
						2	20012	Chrysene		> 990		
							20-22-8	Benzo (a) pyrene		V 200		
							6-92-16	<pre>2,4-Dinitrophenol</pre>		V 55U		
							55-70-3	Dibenz[ah]anthracene / 1,2:5,6-	LT .6			
								Oibenzanthracene				
							534-52-1	4,6-Dinitro-2-cresol / 2-Methyl-4,6-	17 1	7 251		
								dinitrophenol				
							541-73-1	1,3-Dichlorobenzene		7 231		
							56-55-3	Benzo (a) anthracene	22 1			
							59-50-7	3-Methyl-4-chlorophenol / 4-chloro-3-		2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		
								cresol / 4-Chloro-3-m*				
							606-20-2	2,6-Dinitrotoluene				
							621-64-7	N-Nitrosodi-n-propylamine	22. 1.	200		
							67-72-1	Hexachloroethane				
							77-47-4	Hexachlorocyclopentadiene				
							78-59-1	Isophorone	22. 1			
							83-32-9	Acenaphthene				
							84-66-2	Diethyl nhthelete	? !			
							8/-7/-2	מיבוואר ליוניין דיין דיין דיין דיין דיין דיין דיין				
							2	DI-II-DUTYI DIITIBIBIE	11 .33	A 550		
							0-10-60	Phenanthrene				
							7-99-69	Butylbenzyl phthalate	11 .33			
							86-30-6	N-Nitrosodiphenylamine		v 550		
							86-73-7	Fluorene / 9H-Fluorene	11 .33			
						7	86-74-8	Carbazole / 9M-Carbazole				
						,	87-68-3	Hexachlorobutadiene / Hexachloro-1.3-				
								butadiene				
						•	87-86-5	Pentachlorophenol	α +-			
							88-06-2	2.4.6-Trichlorophenol				
						-	88-74-4					
							88-75-5					
							91-57-6	2-Methylnaphthalane	S: :			
						5						
						~				200		
						~	7-48-7	2-Mathylphonol				
						~	75-50-1	ב יופניול ולאופווסו	55. 1.1			
						~	95-57-8					
						~	75-95-4	2.4.5-Trichlorophenol				
						5	8-95-3	o of mirhano /				
										7 990		
						•	2-60-6		& <u>-</u>	7 201		
								l ether		> 200 100		
								Unknown compound 539	9	UGG VB		
100	incond	hatten has he			•							

^{* -} Analyte Description has been truncated. See Data Dictionary

Site Type

Final Documentation Appendix Report Installation :Fort Allen, Puerto Rico (FN) File Type: CSO 28-1AN-07

	Guals
	PA OUR
	Data
	Unit Flag Meas Codes
	Me Conc
28-JAN-97	Analyte Description Unknown compound 551 Unknown compound 614 Unknown compound 615 Unknown compound 623 Unknown compound 630 Unknown compound 637 Unknown compound 630 Unknown compound 640 Unknown compound 640 Unknown compound 640
01-JAN-75	Analyte Unknown Unknown Unknown Unknown Unknown Unknown Unknown
Sampling Date Range: 01-JAN-75	CAS NO.
Sampling	4eth/ atrix 4V2/s
	Lab Anly. No. M.
	Sample Date 19-NOV-96
	Depth 2.0
	Sample No. C
	Site ID SS-W-01

** End of Report - 626 Records Found **

SOIL BORINGS - SUBSURFACE SOIL

ABB Environmental Services, Inc.

W001976APP 9890-05

Site Site
Type ID

Report	o Rico (FN)		
Final Documentation Appendix Report	Installation : Fort Allen, Puerto Rico (FN)	File Type: CSO	

EPA Data Quals																																							
Data Quals										,																													
Unit Flag Meas Codes		A 991		V 55U	V 55U	V 55U	7 990	V 22U	V 25U	v 550		8V 550				066 VB		-	v 220	V 22U	NGG v	> :	> 550	> > 290	^ 990 000	V 200	7 550	7 990	> : ogo) 000 000	> 250 251	> > 990	> 550				\ 000 \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	> > ngg	
Me Bo Conc	17.6		17.5	111	LT 2	17 .2		2.57	.316	11 .2	25400	24300	47100	17500	18200	76,0	34.7		LT 1000	LT 2	44.1	1580	1350	5. 5.	62.8	24.4	251	48.5	261	9.40	11300	11 .8	. 6.		LT .33			1 .33	
Date Range: 01-JAN-75 28-JAN-97 CAS No. Analyte Description	Diesel range organics	Lead	Gasoline range organics	Selenium	Thattium	Mercury	Antimony	Arsenic	Beryllium	Cadmium	Atuminum			Magnesium	e de		Nickel	Potassium		Silver	1	2001			Chromium	Cobalt			Zinc Zinc			4-Nitroaniline	4-Nitrophenol		p-Cresol / 4-Cresol / 4-Methylphenol	1,4-Dichlorobenzene	Bis(2-chloroisopropy) ather	Phenol / Carbolic acid / Phenic acid	/ Phenylic acid / Phe*
Date Range: CAS No.		7439-92-1		7782-49-2	7440-28-0	7439-97-6	7440-36-0	7440-38-2	7440-41-7	7440-43-9	7429-90-5	7439-89-6		7439-95-4	7439-96-5		7440-02-0	2-60-0552		7440-22-4	77.40-32-E	6-63-0447	2-02-0772		7440-47-3	7440-48-4	8-05-077	2-65-04-7	7440-66-6	7440-70-2		100-01-6	100-02-7	105-67-9	106-44-5	100-40-7	108-60-1	108-95-2	
Sampling Meth/ Matrix	DRO /S	GPB1/S	GRO /S	GSE1/S	GTL1/S	HGC1/S	ICM1/S				ICP1/S																					SMV2/S							
	RL 52678-01																																						
Sample Date	19-NOV-96																																						
Depth	12.0																																						
Field Sample No.	B080112X																																						

^{* -} Analyte Description has been truncated. See Data Dictionary

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Field Sample No. BO80112X

Site Site
Type ID
....
BORE SB-08-01

Final Documentation Appendix Report Installation :Fort Allen, Puerto Rico (FN) File Type: CSO Sampling Date Range: 01-JAN-75

	Depth	Sample Date	Lab Anly. No.	£ ₽	Meth/ Matrix	CAS No.	Analyte Description	¥ 6		unit E		Data	EPA Data
: .				:				9 ;	COLC	7688	codes	Slene	gnals
_	12.0	96-AON-61	RL 52678-01	8-01	SMV2/S	111-44-4	Bis(2-chloroethyl) ether	-	.33	1000	_		
						111-91-1	Bis(2-chloroethoxy) methane	=	.33	nge	>		
						117-81-7	Bis(2-ethylhexyl) phthalate	=	.33	חפפ	>		
						117-84-0	Di-n-octyl phthalate	5	'n	000	>		
						118-74-1	Hexachlorobenzene	ב	.33	990	>		
						120-12-7	Anthracene	5	.33	000	>		
						120-82-1	1,2,4-Trichtorobenzene	5	.33	990	· >		
						120-83-2	2,4-Dichlorophenol	=	.33	990	· >		
						121-14-2	2,4-Dinitrotoluene	=	.33	neg	· >		
						129-00-0	Benzo [def] phenanthrene / Pyrene	5	.33	990	· >		
						131-11-3	Dimethyl phthalate	=	33	1166	· >		
						132-64-9	Dibenzofuran	ב	33	990	· >		
						191-24-2	Benzo [gh i] pery i ene	5	9	991	• >		
						193-39-5	Indeno[1,2,3-C,D]pyrene	=		99	• >		
						208-99-2	Benzo[b] fluoranthene / 3,4-	5	33	990	• >		
							Benzofluoranthene	;		3	•		
						206-44-0	Fluoranthene		33	2011	>		
						207-08-9	Benzo (k) fluoranthene	=		991	• >		
						208-96-8	Acenaphthylene	=		200	• >		
						218-01-9	Chrysene	-	1	9 0	• >		
						50-32-8	Benzo (a) pyrene			9 9	> >		
						51-28-5	2.4-Dinitrophenol		. «		• >		
						53-70-3	Dibenziehlenthrecene / 1 2.5 4.		o •	9 :	> :		
							Ofbenzenthracene	5	e.	990	>		
						534-52-1	4.6-Dinitro-2-creen / 2-Mathyl-4 4-	-		9			
							dinitrophenol	5		990	>		
						541-73-1	1,3-Dichlorobenzene	=	11	001	>		
						56-55-3	Benzo (a) anthracene		; :	9 5	> >		
					_,	59-50-7	3-Methyl-4-chlorophenol / 4-chloro-1-		į	3 5	> >		
									3	2	•		
					•	606-20-2	2,6-Dinitrotoluene	=	133	2011	>		
						621-64-7	N-Nitrosodi-n-propylamine		33	991	. >		
						67-72-1	Hexachloroethane		33	990			
						7-17-12	Hexachlorocyclopentadiene		133	1991			
						78-59-1	Isophorone		33	990	. >		
					~	83-32-9	Acenaphthene		11	35	• >		
					_	84-66-2	Diethyl phthelate		33.	9 5	· >		
					_	84-74-2	Di-n-butyl phthalate		1	3 5	• >		
					~	85-01-8			1		• >		
					~	85-68-7			33		. >		
						86-30-6	•		.33		· >		
					~ '	26-73-7	Fluorene / 9M-Fluorene	=	.33		. >		
					~	874-8	Carbazole / 9H-Carbazole	=	33	990			
						87-68-3			}) 			

^{* -} Analyte Description has been truncated. See Data Dictionary

Final Documentation Appendix Report Installation :Fort Allen, Puerto Rico (FN) File Type: CSO Sampling Date Range: 01-JAN-75

EPA Data Quals																																									
	V 000	7 991	^ 990 000	> 990 000									V 55U	V 550	7 201	> 000 1100	^ 250 1166	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	UGG VB						90 000			^ 550 000	^ 99N	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	V 200	V 550	7 590	V DDU) ogo	> 200	
	LT .33	69	LT .33					17 .33							e -	133				-	8 E -2	.2	4	2.	- 7 - 1	2, 13	11 .5		LT 2	17 .2		2.32	.428	LT .2	24300	40700	17800	1410	45.7		
Analyte Description	Hexachlorobutadiene / Hexachloro-1,3-	butadiene Pentachlorophenol	2,4,6-Trichlorophenol	2-Nitroaniline	2-Nitrophenol	Naphthalene / Tar camphor	2-Methylnaphthalene	2-Chloronaphthalene	3,3'-Dichlorobenzidine	o-Cresol / 2-Cresol / 2-Methylphenol	1,2-Dichlorobenzene	2-Chlorophenol	2,4,5-Trichlorophenol	Oil of mirhama	3-Nitroaniline	4-Bromophenyl phenyl ether	4-Chlorophenyl phenyl ether		Unknown compound 539				Unknown compound 623	11 bencomes another	Diene rende ordenics	Lead	Gasoline range organics	Selenium	Thatlium	Mercury	Antimony	Arsenic	Beryllium	Cadmium	Aluminum	Iron	Magnestun	Manganese Nichel	Potassium	Silver	
CAS No.	87-68-3	87-86-5	88-06-2	88-74-4	88-75-5	91-20-3	91-57-6	91-58-7	91-94-1	95-48-7	95-50-1	95-57-8	95-95-4	6-64-04	2-60-66											7439-92-1		7782-49-2	7440-28-0	7439-97-6	7440-36-0	7440-38-2	7440-41-7	7440-43-9	7429-90-5	7439-89-0	4-24-42-4	7440-02-0	7440-09-7	7440-22-4	
Meth/ Matrix	SMV2/S																								DRO /S	GPB1/S	GRO /S	GSE1/S	GTL1/S	HGC1/S	ICM1/S				ICP1/S	- ,	-,-	-,-	.,-	,-	
Lab Anly. No.																									52678-02																
Lab	귍																								꿃																
Sample Date	19-NOV-96																								12.0 19-NOV-96																
Depth	12.0																								12.0																
Field Sample No.	B080112X																								B080212X	•															
Site	SB-08-01																								SB-08-02																
.	BORE																																								
Site	80																																								

* - Analyte Description has been truncated. See Data Dictionary

Final Documentation Appendix Report Installation :Fort Allen, Puerto Rico (FN) File Type: CSO Sampling Date Range: 01-JAN-75

	Depth	Sample Date	Lab Anly. No.			CAS No.	Analyte Description	Bo Conc	Meas Codes	Data Quals	EPA Data Quals
SB-08-02 B080212X	12.0	19-NOV-96			ICP1/S	7440-23-5	Sodium	7200	, 99H		
						7440-39-3	Barica	169	> > 990		
						7440-47-3	Chromium	48.8	> 550		
						7440-48-4	Cobalt	26.2	7 990		
						7440-50-8	Copper	56.2	> 990		
						7440-62-2	Vanadium	131	7 550		
						9-99-055	Zinc	47.7	A 990		
						7440-70-2	Calcium	13600	V 200		
				₽	SMV2/S	100-01-6	4-Nitroaniline	ET .8			
					•	100-02-7	4-Nitrophenol		_		
						105-67-9	2,4-Dimethylphenol	11 33	-		
					•	106-44-5	D-Cresol / 4-Cresol / 4-Methylphenol				
						106-46-7	1.4-Dichlorobenzene	. L	_		
					•	106-47-8	4-Chiorogniline				
						108-60-1	Bis/2-chiorojsonrow() ather				
					•	108-95-2	Phenol / Carbolic acid / Shenic acid	35	990		
							/ Phenylin arid / Shat		A 220		
						11-44-4					
					•		Bis(2-chloroethyl) ether	11 .33	> 990		
					•		BIS(2-CHIOFORTHOXY) METHANE		> 550		
					_	- IB I	Bis(2-ethylhexyl) phthalate		> 99n		
						0-90-71	Di-n-octyl phthalate		> 990		
						18-74-1	Hexachlorobenzene		7 200		
						20-12-7	Anthracene	11 .33	> 550		
						120-62-1	1,2,4-Trichlorobenzene		> 99n		
					_	20-83-2	2,4-Dichlorophenol	11 .33	× 990		
					_	21-14-2	2,4-Dinitrotoluene		> 200		
					_	29-00-0	Benzo [def] phenanthrene / Pyrene		> >		
					_	31-11-3	Dimethyl chthalate		> 200		
					•	32-64-9	Dibenzofuran		> 990		
					•	01-24-2	Benzo fehil zenel ene) i		
					-	04-10-5	Indeport 2 T.C Discourse		> 290		
						05-00-2		ر ا	> 500		
					•		Report Incention		> 290		
					^	04-44-0					
						07-08-0			> 990		
					9 6	4-90-70	senzolk) r Luoranthene		> 000 >		
					v (02-30-8	Acenaphthylene		> 550 0		
					V 1	6-10-91	Chrysene		> 000		
						0-32-8	Benzo [a] pyrene				
					S	1-28-5	2,4-Dinitrophenol	8. 11			
					'n	53-70-3	Dibenz (ah) anthracene / 1.2:5.6-				
							Dibenzanthracene				
					isi	534-52-1	4,6-Dinitro-2-cresol / 2-Methyl-4,6-	11 1	A 990		
							dinitrophenol	, I			
					25	41-73-1	1,3-Dichlorobenzene	11 .33	A 590		

* - Analyte Description has been truncated. See Data Dictionary

Final Documentation Appendix Report Installation :Fort Allen, Puerto Rico (FN) File Type: CSO 28-JAN-97

Sample Depth Date

Field Sample No. B080212x

Site ID SB-08-02

Site Type

EPA Data Quals	1																																											
Data Quals																																							•					
	V 200	v 200	V 551	V 55U	A 551	V 55U	V 99U	NGG V	NGG V	NGG V	NGG V	NGG V	NGG V	V 55U	V 55U	V 55U		V 55U	^ 99n	v 550	> 250	> 550 000	V 22U	V 66 V	V 55U		V 20U	V 55U	V 55U	V 55U		A 55U	v 55U	NGG V	UGG VB			UGG VB						
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	33	.33	.33	.33	.33	.33	.33	.33	.33	.33	.33	.33	.33	.33	.33	.33		ω.	33	ω,	33	33	.33	.33	ω.	.33	.33	.33	ဆ	.33		ھ	.33	.33	9	-	9 E		-	٦.	7.	9	7	
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Analyte Description		3-Methyl-4-chlorophenol / 4-Chloro-3- cresol / 4-Chloro-3-m*	2,6-Dinitrotoluene	N-Nitrosodi-n-propylamine	Hexachloroethane	Hexachlorocyclopentadiene	Isophorone	Acenaphthene	Diethyl phthalate	Di-n-butyl phthalate	Phenanthrene	Butylbenzyl phthalate	N-Nitrosodiphenylamine	Fluorene / 9M-Fluorene	Carbazole / 9H-Carbazole	Hexachlorobutadiene / Hexachloro-1,3-	butadiene	Pentachlorophenol	2,4,6-Trichlorophenol	2-Nitroaniline	2-Nitrophenol	Naphthalene / Tar camphor	2-Methylnaphthalene	2-Chloronaphthalene	3,3'-Dichlorobenzidine	o-Cresol / 2-Cresol / 2-Methylphenol	1,2-Dichlorobenzene	2-Chlorophenot	2,4,5-Trichlorophenol	Nitrobenzene / Essence of mirbane /	Oil of mirbane	3-Nitroaniline	4-Bromophenyl phenyl ether	4-Chlorophenyl phenyl ether	Unknown compound 539	Unknown compound 548		Unknown compound 551	Unknown compound 606	compound	Unknown compound 615	Unknown compound 623		
CAS No.	56-55-3	29-20-2	606-20-2	621-64-7	67-72-1	77-47-4	78-59-1	83-32-9	84-66-2	84-74-2	85-01-8	85-68-7	86-30-6	86-73-7	86-74-8	87-68-3		87-86-5	88-06-2	88-74-4	88-75-5	91-20-3	91-57-6	91-58-7	91-94-1	95-48-7	95-50-1	95-57-8	95-95-4	98-95-3		2-60-66												
Meth/ Matrix	•							٠																																				
Lab Anly. No.	RL 52678-02																																											

^{* -} Analyte Description has been truncated. See Data Dictionary

Site 1D \$8-08-02 \$8-09-01

Site Type

Final Documentation Appendix Report	Installation :Fort Allen, Puerto Rico (FN)	File Type: CSO
Final	Installa	

	Data	s quals Quals																																							
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	He Bo Conc	2 :	6.71	2.92	LT .5	- 6	2 L1	:-	- 5	-		25200	33800	20600	846	31.4		11 2		132	9.96	9.6	22.6	- W	23200			=	ב	17 .33		; =	;		11 .33	94.			133		11 .33
File Type: CSO Date Range: 01-JAN-75 28-JAN-97	Analyte Description	[Internation comments of 177]	Diesel range organics	Gasoline rema crassical	Selentum	Thattium	Mercury	Antimony	Arsenic	Beryl (fum	Cadhium	Aluminum	Iron	Megnesica	Tengenese	HICKO!	Potessi Lan			Chronica	Cobelt	Copper	Variation	Zinc	Calcium	4-Witroaniline	4-Witrophenol	Z,4-Dimethylphenol	1 4-Dicklosshosson / 4-Methylphenol	4-Chloroeniline	Bis(2-chloroisopropy) ether	Phenol / Carbotic acid / Phenic acid	/ Phenylic acid / Phe*	Bis(2-chloroethyl) ether	818(2-chlorethoxy) methane	Bisic-ethylnexyl) phthalate	Wexachi crobanisms	Anthracene	1,2,4-Trichlorobenzene	2,4-Dichlorophenol	
Date	0		77,10-02-4		-	-			7440-38-2	7440-41-7	7440-43-9	7429-90-5	7.39-69-6	77.70-05-7	74.0-03-0	7440-02-7	740-04-7	7440-24-5	7440-39-3	7440-47-3	7440-48-4	7440-50-8	7440-62-2	9-99-057	7440-70-2	100-01-6	7-20-001	104-44-5	106-46-7	106-47-8	108-60-1	108-95-2		4-44-111	117-81-1	117-84-0	118-74-1	120-12-7	120-82-1	120- 63-2 121-14-2	•
Sampling	_	S SMV2/S	_	GRO /S	GSE1/S	GTL1/S	MGC1/S	ICM1/S				ICP1/S														SHV2/S															
		RL 52678-02																																							
	Sample	19-NOV-96	18-NOV-96																																						
	Depth	12.0	12.0																																						1
	Field Sample No.	B080212X	8090112X																																						intion has been trimusted

* - Analyte Description has been truncated. See Data Dictionary

Field Sample No. B090112X

Site ID SB-09-01

Site Type

Final Documentation Appendix Report Installation :Fort Allen, Puerto Rico (FN) File Type: CSO Sampling Date Range: 01-JAN-75

EPA Data Quals																																														
Data Quals																																														
Unit Flag Meas Codes	Hee v	> > 201	> > 990	3 2011		١١٥ ٨			NGG V		V 55U	v 200	V 25U	V 550	UGG V		v 550		١١٠٠		11 0012	> 200		NGG V		> 55n	V 55U	V 25U	N 550	7 991	A 550	> 990			v 55U	7 000					V 95U	V 55U	V 55U	V 55U	V 990	v ppu
Me Bo Conc	11 33	1 44			36.	7 1	9 4		LT .33			11 .5	LT .33	LT .33			9. 11		111	-	22 11	11 .33		LT .33			11 .33		17 .33				11 .33					LT .33			17 .8	17 .33	LT .8	11 .33	LT .33	LT .33
Analyte Description	Renzo[def]nhenanthrene / Dyrene	Dimethyl phthelete	Dihanzofuran	2 %-Bis/isopropylemino)-6-methows-	1 3 5-triazine / Primato*	Denie Cabilbony one		Indenoti, c, 3-c, UJ pyrene	Benzo[b] fluoranthene / 3,4-	Benzofluoranthene	Fluoranthene	Benzo [k] fluoranthene	Acenaphthylene	Chrysene	Renaulainviene	2.4-Dinitrophenol	Dibenz Sahlanthracene / 1.2:5.6-	Dihenzanthracene	4 6-Dinitro-2-cresol / 2-Methyl-4 6-	dinitronhenol				3-Methyl-4-chlorophenol / 4-Chloro-3-	cresol / 4-Chloro-3-m*	2.6-Dinitrotoluene	N-Nitrosodi-n-propylamine	Hexachloroethane	Hexachlorocyclopentadiene	Saphorone	Acenaphthene	Diethyl phthelate	Di-n-butyl phthalate	Phenanthrene	Butylbenzyl phthalate	N-Nitrosodiphenylamine	Fluorene / 9H-Fluorene	Carbazole / 9H-Carbazole	Hexachlorobutadiene / Hexachloro-1,3-	butadiene	Pentachlorophenol	2,4,6-Trichlorophenol	2-Nitroaniline	2-Nitrophenol	Naphthalene / Tar camphor	2-Methylnaphthalene
CAS No.	120-00-0	121-11-2	142-64-0	1410-18-0	0-01-0101	101-2/-2	191-24-2	(Y2-3Y-2	202-99-2		206-44-0	207-08-9	208-96-8	218-01-9	50-32-R	51-28-5	53-70-3		536-52-1	77 75	E/1 77.1	541-13-1	2-66-06	29-20-7		606-20-2	621-64-7	67-72-1	7-47-4	78-50-1	83-32-9	84-66-2	84-74-2	85-01-8	85-68-7	86-30-6	86-73-7	86-74-8	87-68-3		87-86-5	88-06-2	88-74-4	88-75-5	91-20-3	91-57-6
Meth/ Matrix	S/ C/MS																																													
Lab Lab Anly. No.	PI 52678-14																																													
Sample Date L	18-NOV-96																																													
·	; ×																																													

^{* -} Analyte Description has been truncated. See Data Dictionary

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X Report	Rico	
Final Documentation Appendix R	1 :Fort Allen, Puerto Rico	CSO
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ı.	Inst	

	EPA Data Quals
	Date
	Unit Flag Meas Codes UGG V UGG V
	Me So Conc 11 .33 11 .8
File Type: CSO Date Range: 01-JAN-75 28-JAN-97	Analyte Description 2-Chloronaphthalene 3,3'-Dichlorobenzidine o-Cresol / 2-Cresol / 2-Methylphenol
	CAS No. 91-58-7 91-94-1 95-48-7
Sampling	Meth/ Matrix SMV2/S
	Lab Anly. No.
	Sample h Date 0 18-NOV-96
	Dept
	Field Sample No. B090112X
	Site 1D SB-09-01
	Site Type BORE

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12.0	•	ē					:	:::		:
		7	\$1.97070	SMVZ/S	7-28-16	2-Chloronaphthalene	-	33	1166	
					91-94-1	3,3'-Dichlorobenzidine		· «	991	
					95-48-7	O-Cresol / 2-Cresol / 2-Methylphenol				
					95-50-1	1.2-Dichlorobenzene		3 :	200	
					95-57-8	2-Chinconhenol		٠.	פטים	> :
					7-80-90	2 4 Enterior		55.	חפפ	
					200	Little College College		80 .	990	>
					2-64-94	Witrobenzene / Essence of mirbane /	ב	.33	990	>
						Oil of mirbene				
					2-60-6	3-Nitroaniline		20	990	>
						4-Bromophenyl phenyl ether		.33	nee	>
						4-Chlorophenyl phenyl ether		.33	000	>
							•	_	nee	>
							7		990	8
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						compound	•	_	990	8
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						Unknown compound 615	ĸ.		990	5
						Unknown compound 623	~		000	8
							7.		990	QB/
12.0	18-WUV-04	ā	E3478.4E	0,040		Unknown compound 637	-		990	5
12.0	18- MOV- 96	ž	57.07.13	S ()		Gasoline range organics	17 .5		000	>
2	04-A04-01	Y.	61-9/976	ORO /S	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Diesel range organics	11		990	>
				8/19/5	1439-92-1	pear	۶.	2.71	990	2
				625 1/3	7-64-7011		11		990	>
					0-97-044/	Thetitum	11 2		990	>
				HGC1/S	74.59-97-6	Hercury	11 .2		990	>
					0-06-0447	Antimony	111		000	>
					7-95-04-6/	Arsenic	11 5		200	>
					7-14-0447	Beryllium	11		990	>
				97 1031	4-50-0672		-		990	>
				2	C-04-624/	A LUMI PLAN	2	20800	990	8
					9-40-65-7		5	29800	990	9
					74.70-04.5		₹.	16800	990	>
					7440-02-0		2000	S '	990	8
					270-0772	NICKE!		ĸ.	99	>
					7440-07-7			8	990	>
					37 0772				990	>
					7440-23-3		1000	8	99	>
					7440-29-2		337		990	>
					2-74-044/	Chromium	59.6	9	995	>
					#-0#-0#4/	Copalt	24.	Ņ	990	>
					0-06-04-7	copper	64	0.	990	>
			•							

B090212X B090212X

SB-09-02

* - Analyte Description has been truncated. See Data Dictionary

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Field Sample No. B090212X

Site ID SB-09-02

Site Type

Final Documentation Appendix Report Installation :Fort Allen, Puerto Rico (FN) File Type: CSO Sampling Date Range: 01-JAN-75 28-JAN-97

Depth	Sample Date	Lab An	Lab Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description	8 3E	Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
12.0	18-NOV-96	: 2	52678-15	1001/8	2440-62-2	Vanadium	1	7 50	9	: >	:	
					7440-66-6	Zinc		51.9	990	· >		
					7440-70-2	Calcium		39500	nee	>		
				SMV2/S	100-01-6	4-Nitroaniline		€.	OGG	>		
					100-02-7	4-Nitrophenol		∞.	UGG	>		
					105-67-9	2,4-Dimethylphenol		.33	ngg	>		
					106-44-5	p-Cresol / 4-Cresol / 4-Methylphenol		.33	990	^		
					106-46-7		=	.33	Ogo	>		
					106-47-8	4-Chloroaniline		.33	DOO	>		
					108-60-1	Bis(2-chloroisopropyl) ether	5	.33	990	>		
					108-95-2	Phenol / Carbolic acid / Phenic acid		.33	UGG	>		
						/ Phenylic acid / Phe*						
					111-44-4	Bis(2-chloroethyl) ether	5	.33	OGG			
					111-91-1	Bis(2-chloroethoxy) methane	5	.33	ngg	>		
					117-81-7	Bis(2-ethylhexyl) phthalate		.58	NGG	>		
					117-84-0	Di-n-octyl phthalate	5	'n.	990	· >		
					118-74-1	Hexachlorobenzene	5	.33	UGG	>		
					120-12-7	Anthracene	-	.33	ngg	>		
					120-82-1	1,2,4-Trichlorobenzene		.33	ngg	>		
					120-83-2	2.4-Dichlorophenol		.33	ngg	>		
					121-14-2	2,4-Dinitrotoluene		33	UGG	>		
					129-00-0	Benzo[def]phenanthrene / Pyrene		33	ngg	>		
					131-11-3	Dimethyl phthalate		.33	neg	>		
					132-64-9	Dibenzofuran		33	990	>		
					191-24-2	Benzo[ghi]perylene		9.	ngg	>		
					193-39-5	Indeno[1,2,3-C.D]pyrene			990	>		
					205-99-2	Benzo[b] fluoranthene / 3,4-		.33	ngg	· >		
						Benzofluoranthene						
					206-44-0	Fluoranthene		.33	990	>		
					207-08-9	Benzo [k] fluoranthene		2	ngg	>		
					208-96-8	Acenaphthylene	5	33	ngg	>		
					218-01-9	Chrysene		.33	OGG	>		
					50-32-8	Benzo [a] pyrene		.33	DOO	>		
					51-28-5	2,4-Dinitrophenol	Ξ.	∞.	OGG	>		
					53-70-3	Dibenz[ah]anthracene / 1,2:5,6-	=	9	ngg	>		
						Dibenzanthracene						
					534-52-1	4,6-Dinitro-2-cresol / 2-Methyl-4,6-	11		ngg	>		
						dinitrophenol						
					541-73-1	1,3-Dichlorobenzene		.33	990	>		
					56-55-3	Benzo[a]anthracene		.33	nee	>		
					29-20-7	3-Methyl-4-chlorophenol / 4-Chloro-3-	<u>.</u>	.33	nee	>		
						cresol / 4-Chloro-3-m*						
					606-20-2	2,6-Dinitrotoluene	:	.33	990	>		
					621-64-7	N-Nitrosodi-n-propylamine		33	99N	>		

^{* -} Analyte Description has been truncated. See Data Dictionary

Site Type

Final Documentation Appendix Report Installation :Fort Allen, Puerto Rico (FN)

	EPA Data	Quals																																							
	Data	quals																																							
		acas codes	> : 000 000	> 200	> 350 250	A 990	> > 000	> 200	> > > > > > > > > > > > > > > > > > > >	> 200			> > 990		v 200		7 990				v 55U	A 990	A 990	> 220	> 250	> :	200	7 221	> > 990	> 99n				> 250	2 > 201	_		-		8A 990	
	We Con		55. 1.1		11 33													LT .33					55. 13.	S: ::		0.25		11 .8		11 .33	- :	7 - 7	u	. ~	!	-	~	~	m.	0 4	•
File Type: CSO 28-JAN-97		Hexachloroethane	Hexachlorocyclopentadiene	Isophorone	Acenaphthene	Diethyl phthalate	Di-n-butyl phthalate	Phenanthrene	Butylbenzyl phthalate	N-Nitrosodiphenylamine	Fluorene / 9H-Fluorene	Carbazole / 9M-Carbazole	Hexachlorobutadiene / Hexachloro-1,3-	Dutadiene	Pentachlorophenol	2,4,0-Trichlorophenol	2-Nitroenitine	Market Common	Papertualene / Ter camphor	2-Ch committee	T. C.	O-Creen / Jeffered / Jeffered	1.2-Dichlorobenzese	2-Chlorophenot	2,4,5-Trichtorophenol	Witrobenzene / Essence of mirbane /	Oil of mirbane	3-Witrosniline		4-Chlorophenyl phenyl ether	Unknown compound 530				compound	compound	Compound	Compound	Unknown compound 616	•	
	_	_	7-41-4	78-59-1	83-32-9	2-99-59	24-74-2	82-01-8	22-68-7	9-29-6	86-73-7	9-1/-00	67-08-5	97-94-6	88-04-2	7-90-00	- K	01-20-1	01-57-6	91-58-7	91-96-1	7-84-56	95-50-1	95-57-8	95-95-4	98-95-3		2-60-66													
Sampling	Meth/ Matrix	SMV2/S																																							
	Lab Anly. No.	RL 52678-15																																							See Date Dictions
	Sample Date	18-NOV-96																																							
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		B090212X																																							alyte Description has been truncated.
	Site	SB-09-02																																							alyte Descrip

^{* -} Analyte Description has been truncated. See Data Dictionary

Final Documentation Appendix Report Installation :Fort Allen, Puerto Rico (FN) File Type: CSO

	EPA Data Quals															•																											
	Data Quals																																										
	Unit Flag Meas Codes		NGG VB	A 9971		v 550	v 25U	A 550	A 990	V 55U	V 55U	> 500 000	9A 990	_			v 55U	V 55U	NGG \	V 55U	A 590	V DDU	V 22U	V DOU	V 55U	A 550	7 990	> 500 000	> 500	> 500 200	> 250 100	^ 99n	v 550		v 200	v 55U	A 550	V 55U	V 22U	NGG V	v 200	\ 000 \ \ 000	•
	Me Bo Conc		7 1			-	LT 2	LT .2		5.4		LT .2	37100	18500	614	38	LT 1000	LT 2		156	46.5	22.1	55.9	124	58.9			. I .		11 .33			LT .33		LT .33	LT .33						17 33	
Date Range: 01-JAN-75	Analyte Description		Diese randa ordanica	Lead	Gasoline range organics	Selenium	Thallium	Mercury	Antimony	Arsenic	Beryl (10m		Iron	Magnesium	Manganese	Nickel	Potassium	Silver	Sodium	Barium	Chromium	Cobalt	Copper	Vanadium	ZINC	Calcium /-Nithoonilino	4-NICENTITIES	2.4-Dimethylphenol	D-Creen / 4-Creen / 4-Methylphanel		4-Chloroaniline	Bis(2-chloroisopropyl) ether	Phenol / Carbolic acid / Phenic acid	/ Phenylic acid / Phe*	Bis(2-chloroethyl) ether	Bis(2-chloroethoxy) methane	Bis(2-ethylhexyl) phthalate	Di-n-octyl phthalate	Hexachlorobenzene	Anthracene	1, Z, 4-IFich torobenzene	2,4-Dichiorophenol 2,4-Dinitrotoluene	
Date Range:	CAS No.	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		7439-92-1		7782-49-2	7440-28-0	7439-97-6	7440-36-0	7440-38-2	1-14-044/	7420-00-5	7439-89-6	7439-95-4	7439-96-5	7440-02-0	2-60-0552	7440-22-4	7440-23-5	7440-59-5	5-14-0441	7-85-055/	7440-50-8	7440-62-2	0-00-044	7440-70-2	100-02-7	105-67-9	106-44-5	106-46-7	8-27-90	108-60-1	108-95-2	;	11-44-4	11-91-1	7-81-7	117-84-0	18-74-1	1-21-02	20-82-3	121-14-2	
Sampling	Meth/ Matrix		DRO /S	GPB1/S	GRO /S	GSE1/S	GTL1/S	HGC1/S	ICM1/S			1CP 1/S								•	•			•	-,	CMV2 /c		•			_		•	•				- •	- •	- •	-	_	
			RL 52678-05																																								
	Sample Date	18-NOV-06	18-NOV-96																																								
	Depth	12.0	12.0																																								
	Field Sample No.	8090212X	B090312X																																								
	Site 1D	SB-09-02	SB-09-03																																								
	Site	BORE																																									

* - Analyte Description has been truncated. See Data Dictionary

Site Type BORE

Final Documentation Appendix Report Installation :Fort Allen, Puerto Rico (FN) File Type: CSO Sampling Date Range: 01-JAN-75

	EPA Data	onal s																																											
	Data	Ouals																																											
	Unit Flag	Meas Codes	116. v	7 22	> 201	200	> 201	> 350	200	7 2011	> 200	> 200						> 550		2 231				7 221	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	• > S	> 291	> 990	v 550	> 990	A 990	A 550		> 200	> 200	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	990	7 231	> > 990	> > 999	A 250	_	^ 950	7 550	NGG V
	Fe Coo	2000				9 11		1		11 .33						9. 11		· LT 1	i	11 .33		5	;		11 .33		11 .33		17 .33	17 .33		11 :33		۲. ۲.	; =		;	11.8						11 .33	11 .8
rite iype: LSO Date Range: 01-JAN-75 28-JAN-97	Analyte Description		Benzo [def] phenanthrene / Pyrene	Dimethyl phthalate	Dibenzofuran	Benzo[ghi]perylene	Indeno[1,2,3-C,D]pyrene	Benzo[b] fluoranthene / 3,4-	Benzofluoranthene	Fluoranthene	Benzo [k] fluoranthene	Acenaphthylene	Chrysene	Benzo [a] pyrene	2,4-Dinitrophenol	Dibenz [ah] anthracene / 1,2:5,6-	Dibenzanthracene	4,6-Dinitro-2-cresol / 2-Methyl-4,6-	dinitrophenol	1,3-Dichlorobenzene	Benzo (a) anthracene	3-Methyl-4-chlorophenol / 4-chloro-3-	cresol / 4-chloro-3-m*	2,6-Dinitrotoluene	M-Witrosodi-n-propylamine	Mexachloroethane	Mexach lorocyclopentadiene	Isophorone	Acenephthene	Diethyl phthalate	phone the phinal ate	Butviberavi shehelete	N-Mitrosodipherylamine	Fluorene / 9M-Fluorene	Carbazole / 9H-Carbazole	Mexachlorobutadiene / Hexachloro-1.3-	butadiene	Pentachlorophenol	2,4,6-Trichlorophenol	2-Witroaniline	2-Hitrophenol	Naphthalene / Tar camphor	2-Methylnaphthalene	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	5,57 -Ulchiopenzidine
_	x CAS No.	•	_	151-17-3	132-64-9	191-24-2	193-39-5	202-99-2		206-44-0	507-08-9	208-96-8	218-01-9	50-32-8	51-28-5	53-70-3		234-52-1	!	541-73-1	56-55-3	29-20-7		2-02-909	2-1-04-1	1-22-1	7-27-11	1-66-97	4-26-60	7-8-5	85-01-8	85-68-7	86-30-6	86-73-7	86-74-8	87-68-3		87-86-5	29-06-2	7-1/- 99	28-73-5	91-20-3	01-21-0	01-06-1	- !
Sampling	Lab Anly. No.		KL 226/8-05 SMVZ/S																																										
	Depth	12 0 18 NOV 04																																											
	Field Sample No.	ROOM\$12x																																											1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	S C C	SB-09-03																																											

^{* -} Analyte Description has been truncated. See Data Dictionary

Site Type

Final Documentation Appendix Report Installation :Fort Allen, Puerto Rico (FN)

							Sampling	0	nistation from Allen, Puerto Rico (FN) File Type: CSO Date Range: 01-JAN-75 28-JAN-97				
n a: -	Site ID	Field Sample No.	Depth	Sample Date	Lab		Meth/ Matrix	CAS No.	Analyte Description	Me C	Unit Flag	Data	EPA Data
	SB-09-03	B090312X	12.0	18-NOV-96	: : :	52678-05	SWV2/S	2-87-50	•	2 : :	meas codes	Quals	Quals
								95-50-1	1,2-Dichlorobenzene	17 .33	v 55U		
								95-57-8	2-Chlorophenot	: :	> > 000		
								95-95-4	2,4,5-Trichlorophenol	7			
								y8-y2-3	Nitrobenzene / Essence of mirbane /	LT .33			
								2-60-66	3-Nitroppiline				
									4-Bromothenyl phenyl other	8. 1.	\ 000 \ \ 000		
									4-Chlorophenyl phenyl ether	2 E	> 550		
									537		> > 000		
									Unknown compound 539		A 991		
									Unknown compound 614	,			
									Unknown compound 615	4.			
									Unknown compound 623	' و			
Ü	SB-00-0%	xc1,2000			i				Unknown compound 637	· .	UGG VBD		
,		BUY04 ICA	12.0	12.U 18-NOV-96	귛	52678-06	DRO /S		Diesel range organics	LT 4			
							S/1845	7439-92-1	Lead	2.37	UGG RV		
							GRO /S		Gasoline range organics	•			
							GT 170	2-65-78//	Selenium	LT 1	V 550		
							HGC1/S	0-97-044/		LT 2	V 99U		
							1CM1/S	7440-36-0	Antimony	2. 1.	v 55U		
								7440-38-2	Arsenic		N 990		
							. •	7440-41-7	Beryllium		> 250		
						•		7440-43-9	Cadmium		> > 000 000		
							ICM1/S	2,20 %	Aluminum	29300	UGG VB		
							~ 1*	7,30-05-7	Lon	44300	_		
							- 1	5-90-027		16700			
				٠			- -	7440-02-0	N-ckel	1880			
							-	440-09-7	Potassium	11 1000	> 200		
							~ 1	7440-22-4	Silver		> >		
							~ ^	6-62-044	Sodium	LT 1000	nge v		
							. ~	7440-47-3	Chronitan	401	V 55U		
							~	7-87-075	Cobalt	51.5	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		
							7	440-50-8	Copper	7.07	A 990		
							~ 1	7440-62-2	Vanadium	162	> > 990 100		
							~ K	440-00-9	Zinc Calcium	61.1	v 550		
						S	SMV2/S 1	100-01-6	4-Nitrosniline		> 550 > 550		
								00-02-7	4-Nitrophenol		> > 000 000		
							-	6-/9-cn	2,4-Dimethylphenol		v 550		
nat	yte Descrip	nalyte Description has been truncated.	in trunc		Data Di	See Data Dictionary							

^{* -} Analyte Description has been truncated. See Data Dictionary

Final Documentation Appendix Report Installation :Fort Allen, Puerto Rico (FN) File Type: CSO Sampling Date Range: 01-JAN-75

	EPA Data quals
	Data Quals
	Unit Flag Meas Codes
	Me Bo Conc
14-HVC-07	Analyte Description
57 MVD 10 106 MVD 10 10 10 10 10 10 10 10 10 10 10 10 10	Meth/ Matrix CAS No. SWVZ/S 106-44-5
	Leb Anly. No. Mes
	Sample 5. Depth Date 7. 12.0 18-NOV-96
	. Depth
	Field Sample No. B090412X
	Site 10 10 88-09-04
	Site Type

		Te e	Unit Flag	
	. Analyte Description	Bo Conc	Meas Codes	
•				
SHV2/S 106-44-5	-5 D-Cresol / 4-Cresol / 4-Nethvirhenol	17 22	_	
106-46-7	1 4-Dichlorohanzana		7 200	
106-47-8	. 7		-	
200			> 990	
1-09-201	Bis(2-chloroisopropyl) ether	ב	N 990	
7-56-901		11 .33	v 55U	
#-##-111		17 .33	A 550	
1-16-111		17 .33	V 55U	
117-81-7	7 Bis(2-ethylhexyl) phthalate		A 5511	
117-84-0		2 -	_	
118-74				
120-12-7			-	
120-82-1				
120-83-2	2 2.4-Dichlorophenol			
121-16-2				
129-00-0		5.	> 550	
131-11-3				
132-64-9		? :	> 550	
191-24-2				
101.10.5			Nec v	
C-40-54-	Indepoil , c, 3-C, UJ pyrene			
-64-602		1.33	V 000	
700				
0-44-007			v 550	
6-90-702		11 .5	_	
208-96-8				
218-01-9	•		> 2011	
20-32-8		11		
51-28-5				
53-70-3	Dibenz [ah] anthracene / 1,2:5,6-	9. 17		
534-52-1		111	^ <u>5</u> 90	
741-73-1			V 55U	
20-00-00	Senzo (a) anthracene	11 .33	NGG V	
7-06-66		11 .33	A 550	
6.06.307				
-07-000			v 55U	
7-120			> 000	
1.71.10	Mexachioroethane		> 55U	
70-11	Hexach lorocyclopentadiene	11 .33	v 550	
1.46-07	Isophorone			
6-75-50	Acenaphthene		v 55U	
2-8-8	Diethyl phthalate	LT .33	v 55U	
2-1/-1/2	0i-n-butyl phthalate			

^{* -} Analyte Description has been truncated. See Data Dictionary

Final Documentation Appendix Report Installation :Fort Allen, Puerto Rico (FN) File Type: CSO

						Sampling		Date Range: 01-JAN-75	28-JAN-97				
Site Type	Site ID SB-09-04	Field Sample No. B090412X	Depth 12.0	o. Depth Date	Lab Anly. No.	Matrix S SMVZ/S	CAS No.	Analyte Description	otion	Me Bo Conc	Unit Flag Meas Codes	Data Quals	EPA Data Quals
							85-68-7 86-30-6 86-73-7	Butylbenzyl phthalate N-Nitrosodiphenylamine Fluorene / OH-Fluorene	thalate Nylamine Ilucrene	11 13	> > > 3 000 000 000		

Data																																																	
Unit Flag Meas Codes		^ 99I	> >				A 550			١١٥٠ ،	> 500	> 99n	V 55U	v 25U	\ 99H	> > 991	> > 997	_			> 200	A 251	> 200	000		A 550	V 55U			UGG VB	06G VB	UGG VB	UGG VBD	UGG VB	v 55U	UGG BV		V 25U	V 55U	v 550	V 55U	\ 99H	> > 991	A 551					OGG VB
Me Bo Conc	:::::::::::::::::::::::::::::::::::::::	11 .33			55. 17		5		i						17 .33	17	17		=	: =								LT .33		8 E -2	ĸ.	_	7.	∞.	LT 4	2.98	LT .5			17 .2	LT .2	1.54	757	11 2		25/00	46500	20400	- 04
Analyte Description		Phenanthrene	Butylbenzyl phthalate	N-Nitrosodinhanylamina		Transfer / Au-rinorene	Carbazole / 9H-Carbazole	Hexachlorobutadiene / Hexachloro-1.3-	butadiene	Pentachlorophenol	2 6 A-Trichlononhone		Z-Nitroaniline	2-Nitrophenol	Naphthalene / Tar camphor	2-Methylnaphthalene	2-Chloronaphthalene	3,3'-Dichlorobenzidine	o-Cresol / 2-Cresol / 2-Methylphenol	1,2-Dichlorobenzene	2-Chlorophenol	2,4,5-Trichlorophenol	Nitrobenzene / Essence of mirhene /		A-Eithoppi Line	6-Bromonheny sheny other	A Chilomophic of the Children	4-untorophenyt phenyt ether	Unknown compound 359		Unknown compound 615	Unknown compound 623		Unknown compound 637	Diesel range organics	Lead	Gasoline range organics	Selenium	Thattium	Mercury	Antimony	Arsenic	Beryllium	Cachrium	Aliminim	Lon		West and the second sec	
CAS NO.		85-01-8	85-68-7	86-30-6	86-73-7	0 /2 70	0-47-00	87-68-3		87-86-5	RR-04-2	1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	5-5/-00	88-75-5	91-20-3	91-57-6	91-58-7	91-94-1	95-48-7	95-50-1	95-57-8	95-95-4	98-95-3		00-00	3										7459-92-1		7,782-49-2	0-87-055/	459-97-0	7440-36-0	7440-38-2	7440-41-7	7440-43-9	7429-90-5	7439-80-6	7-50-6572	7439-96-5	
Meth/ Matrix		SMVZ/S																																	DKO /S	GPB1/S	SKO /S	GSE1/S	GIL1/S	MGC 1/3	1CM 1/8				1CP1/S				
Lab Lab Anly. No.		KL 220/8-00																																	CD-0702C JA														
Sample	10 1000	04-A0N-01																																12 0 10-May-05	DK-104-41														
Depth	100	16.0																																12.0	0.1														
Sample No.	VC1.7000	7714167																																RMON112X															

^{* -} Analyte Description has been truncated. See Data Dictionary

SB-M9-01

Final Documentation Appendix Report Installation :Fort Allen, Puerto Rico (FN) File Type: CSO

10:30:46

						Sampling	g Date Range	3 Date Range: 01-JAN-75 28-JAN-97					
Site ID SB-M9-01	_	Field Sample No. Do BM90112X	lepth	Sample Depth Date	Lab Anly. No. Matrix	Meth/ Matrix ICP1/S	CAS No. 7440-02-0 7460-02-0	Analyte Description Nickel	Me Bo Conc	Unit Flag Meas Codes	Data Quals	EPA Data Quals	

Site Type

2	Matrix	CAS No.	Ara Cooperation	ž.		٥
			Midty te Description		Meas Codes	ā
70-87	1101/6	74.0-02.0		:		•
3		0-20-0772	RICKel.	33.7	A 550	
		- KO-0**/	Potassium	3190	A 550	
		4-77-044/	Silver	11 2	v 55U	
		7440-23-5	Sodie	4520	^ 99H	
		7440-39-3	Barica	Š	200	
		7440-47-3	Chromium	607	A 2011	
		7-87-0552	Cobeit		> :	
		2440-50-8	Comer	0.00	> 990	
		7440-62-2	Tipe and	2	> 990	
		7-70-0772		148	> 99n	
		0.00-04/2		68.9	^ 990	
		7-07-0447	Calcium	38200	V 25U	
	SHV2/S	100-01-6	4-Nitroaniline	8. 11	7 550	
		7-20-001	4-Ni trophenol	6. 17	_	
		105-67-9	2,4-Dimethylphenol	11 .33	-	
		106-44-5	p-Cresol / 4-Cresol / 4-Methylphenol		_	
		106-46-7	Sene	11 .33		
		106-47-8	4-Chloroeniline	•	> > 201	
		108-60-1	Bis(2-chloroisopropyl) ether		-	
		108-95-2	Phenol / Carbolic acid / Bhanis		7 200	
			/ Dhemile seld / shot	3	> 550	
		7-77-666	י בופול וכ פכום / בופי			
			BIS(2-chloroethyl) ether		7 990	
		1-19-111	Bis(2-chloroethoxy) methane	11 .33	v 55U	
		117-81-7	Bis(2-ethylhexyl) phthalate		7 9911	
		117-84-0	Di-n-octyl phthalate	5	700	
		118-74-1			> 200	
		120-12-7			> 2000	
		120-82-1			> 990	
		120-02-3	1,2,4-1FICHIOFODENZENE	17 .33	> 99n	
		2-60-021			> 990	
		7-41-17			> 99n	
		0-00-621	rene / Pyrene		> 000	
		131-11-5	alate	11 .33	A 550	
		75-04-9		11 .33	> 99n	
		2-92-161			> 2011	
		193-39-5			> 201	
		205-99-2	3.4-		- > 351	
					200	
		206-44-0		11	7 001	
		207-08-9	anthene			
		208-06-R				
		218-01-0	ily terio	33		
	- -	73.0			> 99n	
	-	20-35-0		LT .33	_	
		C-07-16				
	•	5-1/-5	ene / 1,2:5,6-	9. T.	A 550	

^{* -} Analyte Description has been truncated. See Data Dictionary

Final Documentation Appendix Report Installation :Fort Allen, Puerto Rico (FN) File Type: CSO Sampling Date Range: 01-JAN-75

28-JAN-97

Sample Depth Date 12.0 19-NOV-96

Field Sample No.

Site Site
Type ID
30RE SB-M9-01

EPA Data	Siena																																																
Data	STORES																																																
Unit Flag Meas Codes	2000 2000	_		7 251	> 550	> > > > > > > > > > > > > > > > > > > >			> 500	NGG V	NGG <	V 55U	\ 2011					A 550						NGG V		V 55U	V 55U	v 55U				A 500		> 1990	ر د د	> 500 c	A 550	> :	>	:	> :	> : • •						8 A8	
					- ~	-		•			_	_	_		,	_	3	_		=	• =	-	5	5		Š	5	5	Ξ	5 =	5 5	5 3	5 3	5 5	55	3 :	5	990	20	-	ออก	กก	990	990	990	Nec	990	990	;
Me Bo Conc		•		33				*		?!	.33	.33	7	2		31	.55	.33	.33	33	2	; ;	;;	.55		ω .	.33	ø.	.33	77	; r	7 2	Ìα		5.5	5 6			ì	a			ņ,	-,		~ ·	'n٠	, c	,
B &	:	17	i	-	: =			_	::	<u>:</u>	5	ב	1	: :	: :		_	_	_	11	-	: :	: :	5							: =									-				• 1		•	•	• •	
Analyte Description		4,6-Dinitro-2-cresol / 2-Methyl-4,6-	dinitrophenol	1,3-Dichlorobenzene	Benzo (a) anthracene	3-Methyl-4-chlorophenol / 4-Chloro-3-	cresol / 4-chloro-3-m*	2,6-Dinitrotoluene	N-Nitrosodi-n-propylamina	Hexach orosthans		Hexach lorocyclopentadiene	Isophorone	Acenaphthene	Diethyl phthalate	Di-D-butyl phthology	Dhananthann		Burylbenzyl phthalate	N-Nitrosodiphenylamine	Fluorene / 9H-Fluorene	Carbazole / 9H-Carbazole	Hexach probited and Description	hitadiana		rentachtorophenol	6,4,0-Irichtorophenol	Z-Nitroaniline	Z-Nitrophenol	· Naphthalene / Tar camphor	2-Methy(naphthalene	2-Chloronaphthalene	3,3'-Dichlorobenzidine	O-Cresol / 2-Cresol / 2-Methylphenol	1,2-Dichlorobenzene	2-Chlorophenol	2,4,5-Trichlarophenal	Nitrobenzene / Essence of mirhane /	Oil of mirbane	3-Nitroaniline	4-Bromophenyl phenyl ether	4-Chlorophenyi phenyi athan		Unknown compound 520			Compound		
CAS No.		554-52-1		541-73-1	56-55-3	29-50-7		606-20-2	621-64-7	67-72-1	77-17-1	4-74-77	1-60-07	83-32-9	84-66-2	6-74-5	85-01-8	0 7 0 10 10 10 10 10 10 10 10 10 10 10 10 1	7-00-00	80-30-6	86-73-7	86-74-8	87-68-3		R7-R4-5	88-06-2	7-00-00	5-t/-t0	69-72-5	91-20-3	91-57-6	91-58-7	91-94-1	95-48-7	95-50-1	95-57-8	95-95-4	98-95-3		69-09-2									
Meth/ Matrix		SMVZ/S																														-	-	J.		J.	J .	•		~									
Lab Anly. No.	Di C2770 07																						٠																										

^{* -} Analyte Description has been truncated. See Data Dictionary

	28-JAN-97
Type: Can	
1	01-JAN-75
	Range:
	Date
	Ē
	Sampl

	EPA Data	Quals																																													
	Data	Quals																																													
		_	UGG VR	_		8A 990	> 99n	> 550	OGG BV		> > 000	> 200	> 250	> 99n	> > 990	> 990	> 990	OGG VB						> 390	> :	200	> 200	> 990	> 290	> 550	> 990	> 000	> :	> 290	200	> 200	> 200	> 25	200	> 3	> 200	2 201		> 201		^ 550 000	
	Me	Bo Conc			9 E -2		9 E -2	7 17	2.45	. 5		11 2	17 .2	_	11 2	111	11	27100	31400	18400	926	20.4	200	2000		000	• • •		10.0	9.8	122	9.16	29400	•						; <u>:</u>	5	11 11	11				
ate Range: UI-JAN-75 28-JAN-97	Analyte Description		Unknown compound 623		Children compound 630	Unknown compound 63/	Unknown compound 664	Diesel range organics	Lead	Gasoline range organics	Selenium	Theilium	Mercury	Antimony	Arsenic	Beryllium	Cadmium	Aluminum	Iron	Magnesium	Hanganese	Mickel	Potassium	Silver	Sodium		Chronis	+ 4 C	Comme	Copper			6-Witnesofline	4-Mitrophenol	2.4-Dimethylphenol	P-Cresol / 4-Cresol / 4-Methylphenol	1,4-Dichlorobenzene	4-Chloroaniline	Bis(2-chlorofsopropyl) ether	Phenol / Carbolic acid / Dhanic acid	/ Phenylic acid / Phe*	Bis(2-chloroethyl) ether	Bis(2-chloroethoxy) methane	Bis(2-ethylhexyl) phthalate	Di-n-octyl phthalate	Hexachlorobenzene	
	CAS No.								7439-92-1		7782-49-2	7440-28-0	7439-97-6	7440-36-0	7440-38-2	7440-41-7	7440-43-9	2429-90-5	7439-89-6	7439-95-4	7439-96-5	7440-02-0	7-60-04-7	7440-22-4	7440-23-5	7440-39-3	7440-47-3	7-87-0772	7440-50-B	2-05-044	7440-66-6	2,02-0792	100-01-6	100-02-7	6-29-501	106-44-5	106-46-7	106-47-8	108-60-1	108-95-2		111-44-4	11-91-1	17-81-7	17-84-0	18-74-1	
n Building	Meth/ Matrix		SMV2/S				0	DKO /S	GPB1/S	GRO /S	GSE1/S	GTL1/S	HGC1/S	ICM1/S				ICP1/S								•							SHV2/S		•		•	•		•		_	_	_			
	Leb Leb Anly. No.		52678-03				C3470.04	35070-04																																							
	Lab A	:	귍				ā																																								
-	Sample Date		19-NOV-96				10-WOV-04	201																																							
	Depth		12.0				7 0																																								
:	Sample No.		BM90112X				BPH0107x																																٠								
			SB-M9-01				SB-PH-01																																								
	Type		BORE																																												•

* - Analyte Description has been truncated. See Data Dictionary

28-JAN-97

Site Type ----BORE

Final Documentation Appendix Report Installation :Fort Allen, Puerto Rico (FN) File Type: CSO Sampling Date Range: 01-JAN-75

7	Oriole	6,100.0	:	
	Oriste			
	Meas Codes			> 990 000
<u>.</u>			11 .33	11 .33
	Analyte Description		Anthracene	1,2,4-Trichlorobenzene
	CAS No.		120-12-7	120-82-1
Meth/	Matrix		SMV2/S	
Lab	Lab Anly. No.		RL 52678-04	
Sample	Date		19-NOV-96	
	Depth	1 1 1	7.0	
Field	Sample No.		BPH0107X 7.0 19-NOV-96	
Site	9	:	SB-PH-01	
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t Flag			>	>	>	>	. >	• >	• >	> ;	>	>	>	•	>	• >	• >	> :	> :	>	>	>		>		>	>	>	•	>	· >	· >	S	!	>	>	>	>	· >	>	· >	· >	• >	> >	> :	>	· >	>	
Unit	Meas	!	990	nee	090	nee	1100	201	200	990	ออก	990	990	!	221	201	2 5	990	200	990	neg	NGG		ngg		990	000	nge		nge	990	1166	990		ngg	990	ngg	090	990	990	1166	99	200		990	990	000	กดิด	
Me	_				LT .33	11 .33			17 22				11 .33		17 33	ر ا						P. 17		LT 1		11 .33					LT .33				LT .33		LT .33										LT .8	11 .33	
	Analyte Description		Anthracene	1,2,4-Trichlorobenzene	2,4-Dichlorophenol	2,4-Dinitrotoluene	Benzo[def]phenanthrene / Pyrene	Dimethyl phthalate	Dihenzofuran		Benzolgh 1 perylene	Indeno[1,2,3-C,D]pyrene	Benzo[b] fluoranthene / 3,4-	Benzofluoranthene	Fluoranthene	Benzofklfluoranthene	Acenanhthylene	and the second		penzolaj pyrene	2,4-Dinitrophenol	Dibenz (ah) anthracene / 1,2:5,6-	Ulbenzanthracene	4,6-Dinitro-2-cresol / 2-Methyl-4,6-	dinitrophenol	1,3-Dichlorobenzene	Benzo[a]anthracene	3-Methyl-4-chlorophenol / 4-Chloro-3-	cresol / 4-Chloro-3-m*	2,6-Dinitrotoluene	N-Nitrosodi-n-propylamine	Hexachloroethane	2,2-Bis(p-chlorophenyl)-1,1-	dichloroethene	Hexachlorocyclopentadiene	Isophorone	Acenaphthene	Diethyl phthalate	Di-n-butyl phthalate	Phenanthrene	Butylbenzyl phthalate	N-Nitrosodiphenylamine	Fluorene / 94-Fluorene	Carbazole / OH-Carbazole	Hexach Crobstadions / Hexach Cross 1 7	butadiene	Pentachlorophenol	2,4,6-Trichlorophenol	
	CAS NO.		7-21-021	120-82-1	120-83-2	121-14-2	129-00-0	131-11-3	132-64-0	101-2/-	7-67-161	193-39-5	205-99-2		206-44-0	207-08-9	208-96-8	218-01-0	E0. 22.0	5.75-05	C-97-10	53-70-3		534-52-1		541-73-1	56-55-3	59-50-7		606-20-2	621-64-7	67-72-1	72-55-9		77-47-4	78-59-1	83-32-9	84-66-2	84-74-2	85-01-8	85-68-7	86-30-6	86-73-7	86-74-8	87-68-3		87-86-5	88-06-2	
Meth/	Matrix	OV CVINS	S/Z/WS																																														
Lab	Anty. NO.	E3470-07	\$0.0707C																																														

* - Analyte Description has been truncated. See Data Dictionary

Site Site
Type ID
....
BORE SB-PH-01

Final Documentation Appendix Report Installation :Fort Allen, Puerto Rico (FN) File Type: CSO

					Sampling	Sampling Date Range: 01-JAN-75	01-JAN-75 28-JAN-97		
Field		Sample		Lab	Meth/			3	-
Sample No.	Depth	Depth Date Lab Anly. No. Matrix CAS No.	Lab	Anly. No.	Matrix	CAS No.	Analyte Description	Bo Conc	T T
	1		:						
8PH0107X	7.0	19-NOV-96	귍	52678-04	SHV2/S	88-74-4	2-Witroaniline	e -	991

EPA Data Quais																											
Data Quals	:																										
Flag Codes		• >	• >	• >	• >	> >	· >	· >	· >	>	· >		>	>	· >	8	>	8	>	8	8	8	2	08	8	8	>
Unit	1166	990	991	201	999	991	991	990	990	990	990		990	nee	990	990	990	090	990	000	990	990	990	990	990	990	nee
Conc	•	1			1	•		33	33		33		80	.33	.33		_	-	-	2	.2	7		ĸ	_		4
			=						5		5				5		•	•	•	•	•	•	~	•	•	_	•
Analyte Description	2-Witroaniline	2-Nitrophenol	Naphthelene / Tar camphor	2-Methylnaphthalene	2-Chloronaphthalene	3,3'-Dichlorobenzidine	o-Cresol / 2-Cresol / 2-Methylphenol	1,2-Dichlorobenzene	2-Chlorophenol	2,4,5-Trichlorophenol	Witrobenzene / Essence of mirbane /	Oil of mirbane	3-Witrosniline	4-Bromophenyl phenyl ether	4-Chlorophenyl phenyl ether	Unknown compound 539	Unknown compound 548	Unknown compound 551	compound	punoduoo	Unknown compound 614				Unknown compound 632	Unknown compound 637	Unknown compound 660
CAS No.	88-74-4	88-75-5	91-20-3	91-57-6	91-58-7	91-94-1	7-84-26	95-50-1	95-57-8	25-55-4	98-95-3		2-60-66														
Meth/ Matrix	S																										
Lab Anly. No.	52678-04																										
Lab	꿃																										
Sample Date	-																										
Depth	7.0																										

^{**} End of Report - 804 Records Found **

GROUNDWATER

ABB Environmental Services, Inc.

W001976APP

Final Documentation Appendix Report Installation :Fort Allen, Puerto Rico (FN) File Type: CGW 15-JAN-97

	Data EPA Data quals quals
	Unit Flag Meas Codes uGL UGL UGL
	Me Bo Conc
UI-JAN-75 CI-JAN-97	Analyte Description Diesel range organics Lead Gasoline range organics
Sampting Date Range: UI-JAN-75	Meth/ Matrix CAS No. DRO /W GPB1/W 7439-92-1 GRO /W GSE1/W 7782-49-2
,	Lab Anly. No. Matrix C
	Sample Depth Date
	Depth
	Field Sample No. MO30126X
	Site ID
	Site Type

Antv. No.	Matrix	CAS No.	Analyte Decription	0000	2 6 6 7	
						ני ני
52856-01	DRO /W		Diesel range organics			:
	GP81/W	7439-92-1	Lead			
	GRO /W		Gasoline range organics	11 10	301	
	GSE1/W	7782-49-2	Selenium	2 2	d =	
	GTL1/W	7440-28-0	Thallium	11 10	190	
	HGC1/W	7439-97-6	Mercury		ายก	
	1CM1/W	7440-36-0	Antimony	- 1	TBO TBO	
		7440-38-2	Arsenic	LT 5	TBN	
		7440-41-7	Beryllium	111	ner	
		7440-43-9	Cadmium	LT 1	TSO	
	1CP2/W	7429-90-5	Aluminum	LT 200	190	
		7439-89-6	Iron	LT 100		
		7439-95-4	Magnesium	21800		
		7439-96-5	Manganese		ner	
		7440-02-0	Nickel	LT 40	NGL	
		7440-09-7	Potassium	LT 5000		
		7440-22-4	Silver			
		7440-23-5	Sodium	62100	O UGL	
		7440-39-3	Barium		UGL	
		7440-47-3	Chromium	LT 10	UGL	
		7440-48-4	Cobalt	LT 50	UGL	
		2440-20-8	Copper	LT 25	UGL	
		7440-62-2	Vanadium	LT 50	ner	
		9-99-0552	Zinc	17 20		
		2-02-0552	Calcium	80100		
	SMV1/W	100-01-6	4-Nitroaniline	LT 25	_	
		100-02-7	4-Nitrophenol		NGL	
		105-67-9	2,4-Dimethylphenol		JOA	
		106-44-5	p-Cresol / 4-Cresol / 4-Methylphenol		ner	
		106-46-7	1,4-Dichlorobenzene	LT 10	NGF	
		106-47-8	4-Chloroaniline	LT 10	ner	
		108-60-1	Bis(2-chloroisopropyl) ether		ner	
		108-95-2	Phenol / Carbolic acid / Phenic acid	LT 10	NGL	
			/ Phenylic acid / Phe*			
		111-44-4	Bis(2-chloroethyl) ether		חפר	
		111-91-1	Bis(2-chloroethoxy) methane		ner	
		117-81-7	Bis(2-ethylhexyl) phthalate		ner	
		117-84-0	Di-n-octyl phthalate	LT 10	UGL	
		118-74-1	Mexachlorobenzene		ner	
		120-12-7	Anthracene		ner	
		120-82-1	1,2,4-Trichlorobenzene		ner	
		120-83-2	2,4-Dichlorophenol		ner	
		121-14-2	2,4-Dinitrotoluene	LT 10	ner	
		129-00-0	Benzo[def]phenanthrene / Pyrene		NGL	

^{* -} Analyte Description has been truncated. See Data Dictionary

EPA Data Quals

Final Documentation Appendix Report Installation :Fort Allen, Puerto Rico (FW) File Type: CGW 15-JAN-97

Data Quals Unit Flag Ĕ Meth/ Lab Anly. No. Sample Depth Date Field Sample No. Site Site
Type ID
WELL MW-03-01

4	Marke in			Te e	Unit Flag	
	MALLIX	CAS NO.	Analyte Description		Meas Codes	
č	-					
5	M/I AMS	5-11-151	Dimethyl phthalate		UGL	
		132-64-9	Dibenzofuran	11 10	UGL	
		191-24-2	Benzo[ghi]perylene		190	
		193-39-5	Indeno[1,2,3-C,D]pyrene			
		205-99-2	Benzo [b] fluoranthene / 3,4-		301	
			Benzofluoranthene		3	
		206-44-0	Fluoranthene	17 10	3	
		207-08-9	Benzo [k] fluoranthene	-	100	
		208-96-8	Acenaph thy tene		1911	
		218-01-9	Chrysene	11 10		
		50-32-8	Benzo[a] Dyrene		191	
		51-28-5	2,4-Dinitrophenol		1 =	
		53-70-3	Dibenz (ah) anthracene / 1,2:5,6-		300	
			Dibenzanthracene			
		534-52-1	4,6-Dinitro-2-cresol / 2-Methyl-4,6-	17 25	ายก	
			dinitrophenol			
		541-73-1	1,3-Dichlorobenzene	LT 10	UGL	
		56-55-3	Benzo [a] anthracene	11 10	ner	
		59-50-7	3-Methyl-4-chlorophenol / 4-Chloro-3-		195	
			cresol / 4-Chloro-3-m*			
		606-20-2	2,6-Dinitrotoluene	17 10	ner	
		621-64-7	N-Nitrosodi-n-propylamine	•	150	
		67-72-1	Mexachtoroethane		190	
		7-27-12	Mexach lorocyclopentadiene		190	
		78-59-1	Isophorone		190	
		83-32-9	Acenaphthene			
		84-66-2	Diethyl phthalate		150	
		84-74-2	Di-n-butyl phthalate		Ten	
		85-01-8	Phenanthrene		190	
		85-68-7	Butylbenzyl phthalate		UGL	
		86-30-6	N-Nitrosodiphenylamine		ner	
		26-73-7	Fluorene / 9M-Fluorene		UGL	
		86-74-8	Carbazole / 9M-Carbazole	LT 10	ายก	
		87-68-3	Mexachlorobutadiene / Mexachloro-1,3-	LT 10	UGL	
		3.70.60	Dutadiene			
		2-00-70	rentach lorophenol		ner	
		7-90-99	2,4,6-Trichlorophenol		UGL	
		1-1-20	Z-Witrosniline	11 25	חפר	
		52-73-5	2-Nitrophenol		ner	
		91-20-3	Naphthalene / Tar camphor		ner	
		91-57-6	2-Methylnaphthalene	LT 10	ner	
		91-58-7	2-Chloronaphthalene		J'Sh	
		91-94-1	5, 3' -Dichlorobenzidine	17 10	UGL	
		95-48-7	o-Cresol / 2-Cresol / 2-Methylphenol		UGL	

^{* -} Analyte Description has been truncated. See Data Dictionary

Field Sample No. MO30126X

Site ID ----

Site Type ----

Final Documentation Appendix Report Installation :Fort Allen, Puerto Rico (FN) File Type: CGW 15-JAN-97

EPA Data Quals																																												
Data Quals	:																																											
	ner	חפר	UGL	ner		ner	UGL	ner	ner	ner		UGL		ner	UGL		UGL	UGL	UGL		UGL		UGL		UGL	UGL	ng,	Ner	NGL	Ner	UGL	UGL 2	UGL	UGL	UGL	ner	ner	ner	ner	ner		ngr	UGL	UGL
	LT 10			LT 10		LT 25		LT 10	1 1	111		LT 1		LT 1	LT 5		LT 1	LT 1	11		111		111		11 1	LT 5	5.4	11 1	11	1 1	11	11 1	11	111	111	LT 1	11 1	11		11		11 1	LT 15	111
Analyte Description	1,2-Dichlorobenzene	2-Chlorophenol	2,4,5-Trichlorophenol	Nitrobenzene / Essence of mirbane /	Oil of mirbane	3-Nitroaniline	4-Bromophenyl phenyl ether	4-Chlorophenyl phenyl ether	Ethylbenzene	Styrene / Ethenylbenzene / Styrol /	Styrolene / Cinnamene *	cis-1,3-Dichlaropropylene / cis-1,3-	Dichloropropene	1,2-Dichloroethane	Methyl isobutyl ketone /	Isopropylacetone / 4-Methyl-2-pen*	Toluene	Chlorobenzene / Monochlorobenzene	Dibromochloromethane /	Chlorodibromomethane	Tetrachloroethylene /	Tetrachloroethene / Perchloroethylen*	1,2-Dichloroethylenes (cis and trans	isomers) / Acetylene *	Carbon tetrachloride	Methyl n-butyl ketone / 2-Hexanone	Acetone	Chloroform	Benzene	1,1,1-Trichloroethane	Bromomethane	Chloromethane	Chloroethane	Vinyl chioride / Chloroethene	Methylene chloride / Dichloromethane	Carbon disulfide	Bromoform	Bromodichloromethane	1,1-Dichloroethane	1,1-Dichloroethylene / 1,1-	Dichloroethene	1,2-Dichloropropane	Methyl ethyl ketone / 2-Butanone	1,1,2-Trichloroethane
CAS No.	95-50-1	95-57-8	95-95-4	98-95-3		2-60-66			100-41-4	100-42-5		10061-01-5		107-06-2	108-10-1		108-88-3	108-90-7	124-48-1		127-18-4		540-59-0		56-23-5	591-78-6	67-64-1	67-66-3	71-43-2	71-55-6	74-83-9	74-87-3	75-00-3	75-01-4	75-09-2	75-15-0	75-25-2	75-27-4	75-34-3	75-35-4		78-87-5	78-93-3	2-00-62
Meth/ Matrix	SMV1/W								VMS1/W																																			
Lab Anly. No.	RL 52856-01																																								-			
Sample Date	96																																											
. Depth	26.0																																											

^{* -} Analyte Description has been truncated. See Data Dictionary

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Site Site
Type ID
WELL MW-03-01

15-JAN-97

MV-03-02

EPA Data	gnals																																					
Data	Quals																																					
Unit Flag	Meas Codes	חפר	UGL	ਰ ਹ	של הבי	3 3	3 3	190	UGL	ายก	ner	ายก	ਤ ਤ	3	3 3	7 2	3 3	195	חפר	ายก	ฮ :	3	5	, iso	50	าอก	ල් :	3 3	#	1 15 15 15 15 15 15 15 15 15 15 15 15 15	ner ner	UGL	UGL	า กับ	190	; 5	ner ner	ner
9	80 Conc		-		250	11 3	17 10	11 5	LT 10	17 .2		5 1.	5:	7300	20707	16.700	183	LT 40				200	2 2 2		LT 50	20.6	21,000	2 2 2		-		•	•	10	17 10		LT 35	
Analyte Descrintion	Trichloroethylene /Trichloroethene /	Ethinyl trichloride / Tatrachloroscham / 4 2 3	Tetrachloroethane / Acetylene *	Aylenes, total combined trans-1.3-Dichlororopene	Diesel range organics	Lead	Gasoline range organics	Selenica	Thattiem	Mercury	Antimony			Alumina	Iron	Hagnesium	Hanganese	Nickel	Potessium			Chronica	Cobelt	Copper	Vanadica	211c	4-Xirosoilios	4-Witrophenol	2,4-Dimethylphenol	p-Cresol / 4-Cresol / 4-Methylphenol	ene	4-Chloroaniline	Bis(2-chloroisopropyl) ether	/ Phenylic acid / Phen	Bis(2-chloroethyl) ether	Bis(2-chloroethoxy) methane	Bis(2-ethylhexyl) phthalate Di-n-ortyl methalate	מנו היום ופוני
CAS No.	79-01-6	5-72-02				7439-92-1		7782-49-2	7440-28-0	74.59-97-6	7440-30-0	7440-38-2	0-17-0772	7429-90-5	7439-89-6	7439-95-4	7439-96-5	7440-02-0	7440-09-7	1-27-044/	2-01-0792	7440-47-3	7440-48-4	2440-50-8	7440-62-2	7440-00-0	100-01-6	100-02-7	105-67-9	106-44-5	7-94-901	2-74-001	108-95-2		111-44-4	111-91-1	117-84-0	
Meth/ Matrix	VMS1/W				DRO /W	GPB1/W	GRO /V	GSE1/V	W 100	1047	*			ICP2/V													SHV1/U										•	
Lab Anly. No.	RL 52856-01				52856-02																																	
					됩																																	
Sample Date	04-DEC-96				04-DEC-96 RL																																	
Sample Depth Date	26.0 04-DEC-96																																					•

* - Analyte Description has been truncated. See Data Dictionary

Site Site
Type ID
WELL MW-03-02

Final Documentation Appendix Report Installation :Fort Allen, Puerto Rico (FN) File Type: CGW

	EPA Data Quals																																										
	Data Quals																																										
	Unit Flag Meas Codes	1011	3 3	d 31	อีก	ner	UGL	NGL	ner ner	ซี :	1 50	UGL	3	3 3	d =	d 19	701	ופו	790	700	191	790	ner	חפו	3 3	250	190	מפר	UGL	ายา	UGL	ner	- Jon	150	190	7 7	- F	, ce	100	3	างก	ายา	OGL
	Me Bo Conc	11 10				LT 10					2 5		11 10		-				11 10		17 25		LT 10	5		;	LT 10		LT 10	LT 10	LT 10	1 10	2 5	5 5	1 1 2							11 36	
Date Range: 01-JAN-75 15-JAN-97	Analyte Description	Hexachlorobenzene	Anthracene	1,2,4-Trichlorobenzene	2,4-Dichtorophenol	2,4-Dinitrotoluene	Dimethyl -ttt-1-t-	Dibenzofuran	Renzo fahilnerylene	Indenof1.2.3-C.Dlovene	Benzo[b] fluoranthene / 7 4-	Benzofluoranthene	Fluoranthene	Benzo [k] fluoranthene	Acenaphthylene	Chrysene	Benzo [a] pyrene	2,4-Dinitrophenol	Dibenz[ah]anthracene / 1,2:5,6-	Dibenzanthracene	4,6-Dinitro-2-cresol / 2-Methyl-4,6-	dinitrophenol	1,3-Dichlorobenzene	Benzo [a] anthracene	3-Methyl-4-chlorophenol / 4-Chloro-3-	cresol / 4-Chloro-3-m*	Z,6-Dinitrotoluene	N-Nitrosodi-n-propylamine	Hexachloroethane	Hexachlorocyclopentadiene	Isophorone	Diethyl phthalata	Di-n-butvl obthalate	Phenanthrene	Butylbenzyl phthalate	N-Nitrosodiphenylamine	Fluorene / 9H-Fluorene	Carbazole / 9H-Carbazole	Hexachlorobutadiene / Hexachloro-1,3-	butadiene	Pentachlorophenol	2-Nitroaniline	
Sampling Date Range	Meth/ Matrix CAS No.	_	120-12-7	120-82-1	120-83-2	129-00-0	131-11-3	132-64-9	191-24-2	193-39-5	205-99-2		206-44-0	207-08-9	208-96-8	218-01-9	20-32-8	51-28-5	53-70-3		534-52-1		241-73-1	56-55-3	2-20-26	. 00, 707	2-02-909	7-49-179	1-21-10	70-67	84-12-0	84-66-2	84-74-2	85-01-8	85-68-7	86-30-6	86-73-7	86-74-8	87-68-3	2 70 20	88-06-2	88-74-4	
Samp	Lab Me Lab Anly. No. Mat																			•																							
	Sample Date	04-DEC-96																																									
	Depth	22.0																																									
	Field Sample No.	M030222X																																									ne i en Lee Lee

^{* -} Analyte Description has been truncated. See Data Dictionary

15-JAN-97

Final Documentation Appendix Report Installation :Fort Allen, Puerto Rico (FN) File Type: CGW 15-JAN-97

	EPA Data	Quets																																														
	Data	Quals	:																																													
	Unit Flag		1911	יייי	300	190	กפר	UGL	1011	301	100	190	חפר	UGL		UGL	190	ner	הפה	ner	פר	25	.		151		190	190		5	1 2	5 5	100	3		ายก		ner Ner	750	190	ign	1911	ign	190	100	190	ายก	าอก
	æ		1 40		2 5			LT 10						LT 10		LT 25	LT 10	11 10	30	9	20	111	-		111		111	11 5			: :	; =		11 1		111		111	LT S	11 5		11		1 1	111	- 1	11	111
A-NAC-CI CI-NAL-US Date But		Analyte Description		Marhthalene / Ter combon	2-Methy(narhthalene		Z-chloronaphthalene	3,3'-Dichlorobenzidine	o-Cresol / 2-Cresol / 2-Methylphenol	1.2-Dichlorobenzene	2-Chlorophanol	2 6 E-Trichtonomen	Z, 4, 2-11 Ich torophenot	Witrobenzene / Essence of mirbane /	Oil of mirbane	3-Nitroaniline	4-Bromophenyl phenyl ether	4-Chlorophenyl phenyl ether	Unknown compound 550	Unknown compound 552	Unknown compound 616	Ethylbenzene	Styrene / Ethenylbenzene / Styrol /	Styrolene / Cinnamene *	cis-1,3-Dichtoropropylene / cis-1,3-	Dichloropropene	1,2-Dichloroethane	Methyl isobutyl ketone /	Isopropylacetone / 4-Methyl-2-pen*	Toluene	Chlorobenzene / Monochlorobenzene	Dibromochloromethane /	Chlorodibromomethane	Tetrachloroethylene /	Tetrachloroethene / Perchloroethylen*	1,2-Dichloroethylenes (cis and trans	isomers) / Acetylene *	Carbon tetrachloride	Methyl n-butyl ketone / 2-Hexanone	Acetone	Chloroform	Benzene	1,1,1-Trichloroethane	Bromomethane	Chloromethane	Chloroethane	Vinyl chloride / Chloroethene	Methylene chloride / Dichloromethane
ו ממוב עמואב	:	CAS No.	88-75-5	91-20-3	91-57-6	01.50.7	7-96-14	91-94-1	95-48-7	95-50-1	95-57-R	4-50-50		2-64-84		2-60-66						100-41-4	100-42-5		10061-01-5		107-06-2	108-10-1		108-88-3	108-90-7	124-48-1		127-18-4		240-59-0	•	26-23-5	591-78-6	67-64-1	67-66-3	71-43-2	71-55-6	74-83-9	74-87-3	75-00-3	75-01-4	75-09-2
Si conduncti	Meth/	Matrix	SMV1/W																			VHS1/L																										
	Lab	Lab Anty. No.	RL 52856-02																																													
	Sample	Uate	04-DEC-96																																													
	4	ndan	22.0																																													
	Field Sample No	compre ao.	M030222X																																													
	Site	i	MV-03-02																																													
	Site		WELL																																													

^{* -} Analyte Description has been truncated. See Data Dictionary

Final Documentation Appendix Report
Installation :Fort Allen, Puerto Rico (FN)
File Type: CGW
15-140-75

EPA Data Quais																																															
Data Quals	·																																														
Unit Flag Meas Codes		חפר		3 5	100	UGL	:	ner	ner	UGL	UGL		UGL		<u> </u>	1 2	3 2	300	1 21	101	301	7 2	100	190	OGF.	ָרָבָּרָבָּרָבָּרָבָּרָבָּרָבָּרָבְּיִבְּרָבְּיִבְּרָבְּרָבְּרָבְּרָבְּרָבְּרָבְּרָבְּרָ	ner	חפר	T ON	Jon	UGL	ner	UGL	ner	UGL	100	190] 	Jer Liet	7 OCF	19 ng	חפר	ופר חפור	ונים חפר	ner ner	Jon :	UGL
Me Bo Conc						-	•	_	LT 15	LT 1	LT 1		111		-	111	1 1	LT 100		17 10		. = = = = = = = = = = = = = = = = = = =		: -	- 14		- ·	-	2750	1600	20300			LT 5000	LT 10	63400	LT 200			2 1		2 .	7,000		0 11		10
Analyte Description	Carbon dientate	Bromoform	Bromodichloromethane	1, 1-Dichloroethane	1.1-Dichloroethylene / 1.1-	Dichloroethene	1 2-Dichlorononon	's brent of opropane	Metnyl ethyl ketone / Z-Butanone	1,1,2-Trichloroethane	Trichloroethylene /Trichloroethene /	Ethinyl trichloride /T*	Tetrachloroethane / 1,1,2,2-	Tetrachloroethane / Acetylene *	Unknown compound 249	Xylenes, total combined	trans-1,3-Dichloropropene	Diesel range organics	Lead	Gasoline range organics	Setenium	Thattium	Mercury	Antimony	A CORDINA		Codmirm	Atimisms			magnes 1 cm	Manganese	Nickel	Potassium	Silver	Sodium	Barium	Chromium	Cobalt	Teorog.	Vanadium	7 inc		6-Vitrosniline	4-Nitrophenol	2 4-Dimethythenel	
CAS No.	75-15-0	75-25-2	75-27-4	75-34-3	75-35-4		78-87-5	70 07	2-66-67	2-00-67	9-10-6/		79-34-5						7439-92-1		7782-49-2	7440-28-0	7439-97-6	7440-36-0	7440-38-2	7440-41-7	0-27-0772	7,20-00-5	7/30-80-4	7.30-05-7	478-83-4	454-46-5	0-20-055	7-60-04-7	440-25-4	7440-23-5	7440-39-3	7440-47-3	7440-48-4	7440-50-8	7440-62-2	9-99-075	2-02-075	00-01-6	00-02-7	05-67-9	
Meth/ Matrix																		DRO /W	GPB1/W	GRO /W	GSE1/W	GTL1/W	HGC1/W	ICM1/W		•		11.0071		•	-,	-,	-,	-,	- '		,-	-	-	_				SMV1/W			
Lab Anly. No.																		RL 52856-03																													
Sample	96																	20.0 03-DEC-96 R																													
Depth	22.0										٠		-					20.0																													
Field Sample No.	M030222X																	MUSUIZUX																													
Site ID	MW-03-02																	MW-08-01																													
Site Type	WELL																																														

^{* -} Analyte Description has been truncated. See Data Dictionary

Final Documentation Appendix Report Installation :Fort Allen, Puerto Rico (FN) File Type: CGW Sampling Date Range: 01-JAN-75

							Sampung	Sampling Date Range: 01-JAN-75	01-JAN-75 15-JAN-97		•		
Site	Site	Field		Sample		Lab	Meth/			;	•		
- Abe	9 :	Sample No.	Depth	Date	Lab	Lab Anly. No.	Matrix	CAS No.	Analyte Description	Me Bo Conc	Wese Codes	Data	EPA Data
35	MU-08-01	MOBO120V									canon can	SIRD	ana s
		V071000	20.0	03-DEC-90	7	52856-03	SMV1/V	106-44-5	p-Cresol / 4-Cresol / 4-Methylphenol	17 10			
								106-46-7		2 -	3		
								106-47-8	4-Chloroaniline	2 5	3 :		
								108-60-1	Rie(2-chiorojeonromy) sette		3		
								108-05-2	Dhenol / Certal to act at the control		חפר		
									/ Phenylin soid / bhes	10	UGL		
								111.44.4					
								\$. \$ \$	B18(2-chloroethyl) ether		790		
								1-14-111	818(2-chloroethoxy) methane	LT 10	ner		
								117-81-7	Bis(2-ethylhexyl) phthalate		; :		
								117-84-0	Di-n-octyl phthalate	11 10	3 3		
								118-74-1	Hexachlorobenzene		1 2		
								120-12-7	Anthracene		1 2		
								120-82-1	1.2.4-Trichlorobenzene		3 3		
								120-83-2	2.4-Dichlorophenol		3		
								121-14-2	2.4-Dinitrotoluene	2 5	3		
								129-00-0	Benzoldeflohenanthrene / Byrene		3 3		
								131-11-3	Dimethyl phthalate		3		
								132-64-9	Dibersofires		30		
								101-24-2	Periof and I nemident		ner		
								3 02 20	peusolian j berytene		ษ		
								205 29-3	Indeno[1, Z, 3-C, D] pyrene		ายก		
								2-AA-C02	Benzo[b] fluoranthene / 3,4-	LT 10	חפר		
									Benzofluoranthene				
								206-44-0	Fluorenthene	LT 10	130		
								507-08-9	Benzo [k] fluoranthene				
								208-96-8	Acenaphthylene		191		
								218-01-9	Chrysene	1 2	100		
								50-32-8	Benzo (a) pyrene	5 -	3 5		
								51-28-5	2,4-Dinitrophenol		1		
								53-70-3	Dibenz[ah]anthracene / 1.2:5.6-	1 5	3 3		
									Dibenzanthracene		4		
								534-52-1	4,6-Dinitro-2-cresol / 2-Methyl-4,6-	17 25	190		
									dinitrophenol				
								541-73-1	1,3-Dichlorobenzene	11 10	3		
								56-55-3	Benzo (a) anthracene		3 =		
								59-50-7	3-Methyl-4-chlorophenol / 4-Chloro-3-	5 1	8 9		
									S-m*				
								606-20-2	2,6-Dinitrotoluene	17 10	9		
							-	621-64-7	N-Witrosodi-n-propylamine		5 5		
							_	67-72-1	Hexachloroethane	17 10	100		
								77-47-4	Hexachlorocyclopentadiene		101		
								78-59-1	Isophorone		d =		
								83-32-9	Acenaphthene		1 =		
								2-99-52	Diethyl phthalate	LT 10	3 3		
							-	2-1/-5	01-n-butyl phthalate	LT 10	190		
* . 45	neliste Benny	Intian has be											

^{* -} Analyte Description has been truncated. See Data Dictionary

Final Documentation Appendix Report Installation :Fort Allen, Puerto Rico (FN) File Type: CGW 15-JAN-97

u			•	
Cata	Quals		•	
Unit Flag	Meas Codes		1911	
2	Bo Conc		LT 10	
	Analyte Description		Phenanthrene	Buttel honey abthalate
	AS No.	:	5-01-8	5-49-7
Meth/	Matrix C		SMV1/W 85-01-8	a
Lab	Lab Anly. No.		RL 52856-03	
	No. Depth Date		03-DEC-96	
	Depth		20.0	
Field	Sample No.		M080120X	
Site	Type 10	•	4W-08-01	
Site	Type	:	HELL	

EPA Data Quals																																												
Data Quals																																												
Unit Flag Meas Codes	1911	3 3	ler Net	ner	NGL	Net		ner	ner	Jon	UGL	ner	ner	ner	חפר	UGL	UGL	ายก	ner.	ner		ner	ner	UGL	ner	190		NGL		ner	NGE		UGF	กפר	ner		ngr		תפו		1	1	19 19 19	Our
	17 10	4			LT 10											LT 10				LT 10		LT 25		LT 10	LT 1	1 1		LT 1		111	LT 5		LT 1	LT 1	LT 1		LT 1		1 1	•	- 1			-
Analyte Description	Phenanthrene	Butylbenzyl phthalate	N-Nitrosodiphenylamine	Fluorene / 9H-Fluorene	Carbazole / 9M-Carbazole	Hexachlorobutadiene / Hexachloro-1,3-	butadiene	Pentachlorophenol	2,4,6-Trichlorophenol	2-Nitroaniline	2-Nitrophenol	Naphthalene / Tar camphor	2-Methylnaphthalene	2-Chloronaphthalene	3,3'-Dichtorobenzidine	o-Cresol / 2-Cresol / 2-Methylphenol	1,2-Dichlorobenzene	2-Chlorophenol	2,4,5-Trichlorophenol	Nitrobenzene / Essence of mirbane /	Oil of mirbane	3-Nitroaniline	4-Bromophenyl phenyl ether	4-Chlorophenyl phenyl ether	Ethylbenzene	Styrene / Ethenylbenzene / Styrol /	Styrolene / Cinnamene *	cis-1,3-Dichloropropylene / cis-1,3-	Dichloropropene	1,2-Dichloroethane	Methyl isobutyl ketone /	Isopropylacetone / 4-Methyl-2-pen*	Toluene	Chlorobenzene / Monochlorobenzene	Dibromochloromethane /	Chlorodibromomethane	Tetrachloroethylene /	Tetrachloroethene / Perchloroethylen*	included the control of the control	Isomers) / Acetylene *	Mathy - hitel between	Acting H-Dary Ketone / 2-nexanone	Chloroform	
CAS No.	85-01-8	85-68-7	86-30-6	86-73-7	8-74-8	87-68-3		87-86-5	88-06-2	88-74-4	88-75-5	91-20-3	91-57-6	91-58-7	91-94-1	95-48-7	95-50-1	95-57-8	95-95-4	98-95-3		2-60-66			100-41-4	100-42-5		10061-01-5		107-06-2	108-10-1		108-88-3	108-90-7	1-84-471		127-18-4		0-66-046	3-26-73	501.78.4	67-66-1	67-66-3	
Meth/ Matrix	SMV1/W																								VMS1/W																			
Lab Anly. No.	RL 52856-03																																											
	96																																											

^{* -} Analyte Description has been truncated. See Data Dictionary

Final Documentation Appendix Report Installation :Fort Allen, Puerto Rico (FN) File Type: CGW

							Samplin	g Date Range	Sampling Date Range: 01-JAN-75				
Si te Type	Si te ID	Field Sample Mo.	Denth	Sample	4	Lab				Ŧ	Unit Flag	4	EDA DOLO
					:	Lab Anty. No.	Matrix	CAS NO.	Analyte Description	_		Quals	Quals
WELL	MW-08-01	M080120X	20.0	03-DEC-96	교	52856-03	VMS1/W		Benzene		1011	:	•
								71-55-6	1,1,1-Trichloroethane		d 5		
								74-83-9	Bromomethane		ner		
								75-00-3	Chloromethane	11 1	กยา		
								75-01-5	Chloroethane	111	กפר		
								75-00-27	Vinyl chloride / Chloroethene	- 1	ายก		
								75-15-0	Ferbylene chloride / Dichloromethane	1.1	UGL		
								7.25.2	Brown district	<u>.</u>	Jon.		
								75-27-6	Bronodichi oromethene	- : - :	ng.		
								7-72-52	1 1.0 objection		ษ		
								2-32-6		- ·	הפר הפר		
									Dichloroethans	- 1	กซ		
								78-87-5	1.2-Dichtoropropene				
								78-93-3	Methyl ethyl ketone / 2-Butanone	- 1-	3		
								2-00-62	1,1,2-Trichloroethane		3 3		
								79-01-6	Trichloroethylene /Trichloroethene /		1 2		
									Ethinyl trichloride /T*		đ		
								79-34-5	Tetrachloroethane / 1,1,2,2-	1.1	ign.		
									Tetrachloroethane / Acetylene *				
									Unknown compound 052	2	ner		
									Xylenes, total combined	11 1	ner		
	MU-09-01	M090113x	13.0	13 0 04-DEC-04	-	70 73863			trans-1,3-Dichloropropene	11 1	5		
			2.0	04-750-40	ž	22836-04	DE0 /4		Diesel range organics	17 100	190		
							4/LB45	7439-92-1	Peal		19n		
							GRO /2		Gasoline range organics	LT 10	, 6		
								2-65-79/	Selenica		35		
							2011	0-97-044/	Thetties	LT 10	ner		
							101	74.07-7	Recury	17 .2	ner		
								7440-38-2	Antimony	- 1	ner		
								7440-41-7		LT 5	UGL		
								7440-43-9		- ·	ਤ ਜ		
							1CP2/W	7429-90-5	Atuaina	- 1 - 1	ฮูก :		
								7439-89-6	Iron		150		
								7439-95-4	Magnesium		7 10 10 10 10 10 10 10 10 10 10 10 10 10		
								7439-96-5	Manganese		100		
								7440-02-0			ฮี		
								7-60-04-7	Potassium	1 5000	3		
								7440-22-4	Silver	LT 10	1 2		
								7440-23-5	Sodium	-	3 2		
								7440-39-3		LT 200	ner ner		
								7-87-0772	Cobalt	LT 10	ner		
*	nativte Descr	* - Analyte Description has been trimostal	1	_	14 44 44 44 44 44 44 44 44 44 44 44 44 4						กפר		

15-JAN-97

Site 1D ----

Site Type

Final Documentation Appendix Report Installation :Fort Allen, Puerto Rico (FN) File Type: CGW 15-JAN-97

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15-JAN-97	
C1-JAN-17	
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	_																																												
	EPA Data																																												
	Data																																												
	Unit Flag Meas Codes		UGL	ner	UGL	-del	ner	2	5 5	100	3 3	10.	1 of	700			150	<u> </u>	1 2	7 2	4 5	3 2	5 5	d =	195	l en	300	190	1 2	ner	•	NGL	UGL	UGL	ng.	UGL	NGL	ner	:	UGL	2	190	UGL		ngr
	Me Bo Conc				LT 20			17.25					2 -			1T 10	2 = = = = = = = = = = = = = = = = = = =	-	1 10											LT 10							11 25					11 10			LT 10
15-JAN-97										A-Mothylphone	יייברווא נישופווסנ		other	/ Dhanic acid	י ווכווור מרום	L	thane	late							/ Pyrene					3,4-							, ,	1,2:5,6-	J. Machael . L	-0'+-1kiinau-z			/ 4-Chloro-3-		
	Analyte Description	1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Copper	Vanadium	21110	Calcium	4-Nitroaniline	4-Nitrophenol	2.4-Dimethylphenol	`		4-Chloroanitine	Bis(2-chlorgisopropyl) ether	Phenol / Carbolic acid	/ Phenylic acid / Phe*	Bis(2-chloroethyl) ether	Bis(2-chloroethoxy) methane	Bis(2-ethylhexyl) phtha	Di-n-octyl phthalate	Hexach lorobenzene	Anthracene	1,2,4-Trichlorobenzene	2,4-Dichlorophenol	2,4-Dinitrotoluene	Benzo [def] phenanthrene / Pyrene	Dimethyl phthalate	Dibenzofuran	Benzo[ghi]perylene	Indeno[1,2,3-C,D]pyrene	/ aua	Benzofluoranthene	Fluoranthene	Benzo (k) f Luoranthene	Acenaphthylene	Curysene	Benzo (a) pyrene	Z, 4-UINITrophenol	Diberzlanjanthracene / 1,2:5,6-	6 6-Dinitro-2-cresol / 2-Wothwill 6	dinitrophenol	1,3-Dichlorobenzene	Benzo (a) anthracene	3-Methyl-4-chlorophenol	4-CH 4-CH OFO-5-M*	c,o-uinitrotoluene
Date Range: 01-JAN-75	CAS No.		8-06-0447	7-70-044/	7,440-00-0	7-01-0447	9-10-001	100-02-7	105-67-9	106-44-5	106-46-7	106-47-8	108-60-1	108-95-2		111-44-4	111-91-1	117-81-7	117-84-0	118-74-1										202-66-502				218-96-8			2-02-12		534-52-1			56-55-3		206-20-2	
Sampling	Meth/ Matrix		1CP2/W				SMV1/W																				•	•	•				•	•	V 1		10	•		,	'n	in i	^	•)
	Lab Lab Anly. No.	10000																																											
		0,.050.00																																											
	Depth	14																																											
	Field Sample No.	MDO0112V										٠																																	

^{* -} Analyte Description has been truncated. See Data Dictionary

Final Documentation Appendix Report Installation :Fort Allen, Puerto Rico (FN) File Type: CGV 15-JAN-97

	EPA Data Quals
	Data Quals
	Unit Flag Meas Codes UGL UGL
	Me Bo Conc
IN-DAN-CI	orion oropylamine he bentadiene
C1-840-10	Analyte Description
The raise value of the raise	CAS No. 621-64-7 67-72-1 77-47-4
S. C. Adams	Heth/ Matrix
	Lab Meth/ Lab Anly. No. Matrix C/ RL 52856-04 SMV1/W 65
	Field Sample Sample Sample No. Depth Date NO90113X 13.0 04-DEC-96
	Depth
	Field Sample No.
	Site ID
	Site Type

th Aniv No	Matrix	CAC No	Analyte Besendant	2		SEL LIN
			אוופולוב הפפרו ולהומו	9		Meas Codes
				;	:::	
52856-04	SHV1/E	621-64-7	N-Nitrosodi-n-propylamine		10	2
		67-72-1	Hexachloroethane	: :	2 5	5 5
		11 /1		3	2	Jon
		3-18-11	Hexach lorocyclopentadiene	ב	2	ฐ
		78-59-1	Isophorone	5	10	ner
		83-32-9	Acenaphthene	11	5	2
		84-66-2	Diethyl phthalate	: =	2 5	1 2
		84-74-2	Di-n-hitcl at the late	::	2 5	100
		0 L	מו מיבול ליוויופופופופ	3 !	2 ;	3
		0-10-60	rnenantnrene	_	10	걸
		85-68-7	Butylbenzyl phthalate	=	10	Ten Ne
		86-30-6	N-Nitrosodiphenviamine	=	1	
		86-73-7	Fliorene / Ou-Fliorene		2 5	100
		0 72 70			2 :	190
		0-6/-00	Carbazole / VH-Carbazole		9	เร
		87-08-5	Mexachlorobutadiene / Mexachloro-1,3-	ב	2	UGL
			butadiene			
		87-86-5	Pentachiorophenol	_	25	2
		88-06-2	2. 6. 6-Trichlorophanol) -	1
		7-72-88	2-Witnessiline		2 ¥	3 3
		76 . 76			C	3
		66.73.3	7-Nitrophenol		9	UGF
		91-20-3	Naphthalene / Ter cemphor	5	9	250
·		91-57-6	2-Methylnaphthalene		10	101
		91-58-7	2-Chloronaphthalene		2 5	3 3
		01-04-1	T. Wichlorobensidine		2 9	100
					2 :	3
		7-04-04	o-cresol / 2-cresol / 2-Methylphenol		<u> </u>	ฮ
		95-50-1	1,2-Dichlorobenzene	5	0	J S
		95-57-8	2-Chlorophenol	-	10	25
		95-95-4	2.4.5-Trichtorophenol		×	
		98-95-3	Mitrobenzene / Fasence of michane /		3 \$	3
					2	190
		00-00	A. E. C. B. I. D. B. C.		•	
				5	G	100
					2	UGL
			ri phenyl ether	5	10	מפר
	WS1/E	100-41-4	Ethylbenzene			190
		100-42-5	Styrene / Ethenylbenzene / Styrol /	-		101
			Styrolene / Cirnamene *			
		10061-01-5	cis-1,3-Dichloropropylene / cis-1,3-	11		190
			Dichloropropene			
		107-06-2	1,2-Dichloroethane	111		121
		108-10-1	Methyl isobutyl ketone /	1		1 2
			Isobrobylacetone / 4-Methyl-2-nent			780
		108-88-3	Tolinene			•
		108-90-7	Chlorobenzene / Monochlorobenzene	::		. ner
		124-48-1	Otherwook organitation	- :		מבר מבר
		-0-	Chlorodithonomethere	5		ner n
		127.18.4	CIT LOFOOT DI GIRGINE LI BINE			
		h.01 - /7/				

^{* -} Analyte Description has been truncated. See Data Dictionary

Final Documentation Appendix Report Installation :Fort Allen, Puerto Rico (FN) File Type: CSO Sampling Date Range: 01-JAN-75 28-JAN-97

EPA Data Quals		
Data Quals		
	9A 950 A 950	> 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
	222 222222222222	22.6 11.5 11.5 11.2 11.5 11.5 11.5
Analyte Description	Fluorene / 9H-Fluorene Carbazole / 9H-Carbazole Hexachlorobutadiene / Hexachloro-1,3- butadiene Pentachlorophenol 2,4,6-Trichlorophenol 2-Nitrophenol Naphthalene / Tar camphor 2-Nethylnaphthalene 2-Chloronaphthalene 3,3'-Dichlorobenzidine o-Cresol / 2-Cresol / 2-Methylphenol 1,2-Dichlorophenol 3,4,5-Trichlorophenol Nitrobenzene / Essence of mirbane / 0il of mirbane 3-Nitroaniline 4-Bromophenyl phenyl ether 4-Chlorophenyl phenyl ether 4-Chlorophenyl phenyl ether Unknown compound 563 Unknown compound 564 Unknown compound 564 Unknown compound 586 Unknown compound 592 Unknown compound 603 Unknown compound 603 Unknown compound 603	Diesel range organics Lead Gasoline range organics Selenium Thallium Mercury Antimony Arsenic
CAS No.	86-73-7 86-74-8 87-68-3 87-68-3 88-06-2 88-75-5 91-57-6 91-57-6 91-57-6 91-57-6 91-57-6 91-57-6 91-57-6 91-57-6 91-57-6 91-57-8 95-95-3	7439-92-1 7782-49-2 7440-28-0 7440-36-0 7440-38-2 7440-41-7
Meth/ Matrix	SMVZ/S	DRU /S GPB1/S GRO /S GSE1/S GTL1/S HGC1/S ICM1/S
Lab Lab Anly, No.		01-87678-10
Sample Date L		7.0 19-100 KL
Depth		2
Field Sample No.	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	
Site Site Type ID	PLUG SS-M9-01	

^{* -} Analyte Description has been truncated. See Data Dictionary

Site Type

Final Documentation Appendix Report Installation :Fort Allen, Puerto Rico (FN) File Type: CSO

	EPA Data																																										
	Data																																										
	Unit Flag Meas Codes		v 55U		90 000			> > > > > > > > > > > > > > > > > > > >	> > > > > > > > > > > > > > > > > > > >	> > 990	> > 990	> 000 > 000	^ 990	^ 990				> 550	7 200	990	> > 990	> > 990		> 990		7 290	^ 990	A 550	v 25U	7 550	> 250	> >	> 250	> 990	A 550	> 200	^ 99n	v 550	> 250		> 550	A 550	NGG V
	Me Bo Conc	:	נד ז	26300	00004	13500	9017	76.0	2 4 5			49.5	24.5	53.7	128	69.2			• F	: <u>:</u>	: :		5	5		-					S. 1.										LT .33		LT .33
File Type: CSO ate Range: 01-JAN-75 28-JAN-97	Analyte Description		Cadmium	Tron	Magnes	Mandanesse	Zickel	Potassica	Silver	Sodium	Barica	Chromium	Cobalt	Copper		- 13C - C	6-Mitroppiline	4-Kitrophanol	2.4-Dimethylphenol	D-Cresol / 4-Cresol / 4-Methylphenol		4-Chloroaniline	Bis(2-chloroisopropyl) ether	Phenol / Carbolic acid / Phenic acid	/ Phenylic acid / Phe*	Bis(2-chloroethyl) ether	Bis(2-chloroethoxy) methane	Bis(2-ethylhexyl) phthalate	Di-n-octyl phthalate	nexacnioropenzene Anthracene	1.2.4-Trichlorobenzene	2,4-Dichlorophenol	2,4-Dinitrotoluene	Benzo[def]phenanthrene / Pyrene	Dimethyl phthalate	Dibenzofuran	Benzo (ghi) perylene	Indeno[1,2,3-C,D]pyrene	Benzo [b] fluoranthene / 3,4-	thene	ruoranthene	benzolk) Tluorantnene	Acerapitnytene
Date Range:	CAS No.		7440-43-9	7.08-057	7-50-6572	7439-96-5	7440-02-0	7440-09-7	7440-22-4	7440-23-5	7440-39-3	7440-47-3	7-87-077/	0-06-0447	7-70-0447	2,02-047	100-01-6	100-02-7	105-67-9	106-44-5	106-46-7	106-47-8	108-60-1	108-95-2		111-44-4	111-91-1	117-81-7	0-99-71	120-12-7	120-82-1	120-83-2	121-14-2	129-00-0	131-11-3	132-64-9	191-24-2	193-39-5	202-99-2	0 // 700	207-08-0	208-04-8	2
Sampling D	Meth/ Matrix		ICM1/S														SMV2/S																										
	Lab Anly. No.		NL 526/8-10																																								
			17-NUV-70																																								
	Field Sample No.	COLOLADA	77010																																								
	Site ID	50-141-01																																									

* - Analyte Description has been truncated. See Data Dictionary

28-JAN-97

Final Documentation Appendix Report Installation :Fort Allen, Puerto Rico (FN) File Type: CSO Sampling Date Range: 01-JAN-75

Sample Depth Date

Field Sample No.

Site Site
Type ID
PLUG SS-WW-01

EPA Data Quals																											
Data Quals																											
Unit Flag Meas Codes	> > > > > 000 = 000		> > 550 > 550	> > > 000 000 000	> > > 990 000			7 000 7 000			> 000 000	7	> 500 000		N 990	> 550 > 550						> > 000	> 220	V 000			UGG VB
Me Bo Conc LT .33		11 .33		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		•		LT .33			LT .33	œ	11 .33			23.	11 .33			LT .33		1 .0			LT .33	LT .33	٥
Analyte Description Chrysene Benzo(alpyrene	2,4-Dinitrophenol Dibenzlahlanthracene / 1,2:5,6- Dibenzanthracene 4,6-Dinitro-2-cresol / 2-Methyl-4.6-	dinitrophenol 1,3-Dichlorobenzene Benzo[a]anthracene	3-Methyl-4-chlorophenol / 4-Chloro-3-cresol / 4-Chloro-3-m*	N-Nitrosodi-n-propylamine Hexachloroethane	Hexachlorocyclopentadiene Isophorone	Acenaphthene Diethyl phthalete	Di-n-butyl phthalate	Phenanthrene Butylbenzyl phthalate	N-Nitrosodiphenylamine	Fluorene / 9H-Fluorene	Hexachlorobutadiene / Hexachloro-1,3-	butadiene Pentachlorophenol	2,4,6-Trichlorophenol	2-Nitroaniline	Z-Nitrophenol	2-Methylnaphthalene	2-Chloronaphthalene	3,3'-Dichlorobenzidine	o-Cresol / 2-Cresol / 2-Methylphenol	1,2-Dichlorobenzene	2 / E-Inichlomathama	Nitrobenzene / Essence of mirhane /	Oil of mirbane	3-Nitroaniline	4-Bromophenyl phenyl ether	4-Chlorophenyl phenyl ether	טוארוסאוו בטוויסטוומ פפא
Meth/ Matrix CAS No. SMVZ/S 218-01-9 50-32-8	51-28-5 53-70-3 534-52-1	541-73-1 56-55-3	59-50-7	621-64-7	77-47-4 78-59-1	83-32-9 84-66-2	84-74-2	85-01-8 85-68-7	86-30-6	86-73-7	87-68-3	87-86-5	88-06-2	88-74-4	01-20-3	91-57-6	91-58-7	91-94-1	7-84-7	92-20-1	9-76-66	98-95-3		69-09-5			
Lab Anly, No. M																											

* - Analyte Description has been truncated. See Data Dictionary

EPA Data Quals

Final Documentation Appendix Report Installation :Fort Allen, Puerto Rico (FN) File Type: CSO 28-18N-07

	Data
	Unit Flag Meas Codes Luce VB UGG VB UGG VB UGG VB UGG VB UGG V
	Me Bo Conc
28-JAN-97	Analyte Description Unknown compound 551 Unknown compound 616 Unknown compound 615 Unknown compound 623 Unknown compound 623 Unknown compound 637 Unknown compound 637 Unknown compound 640 Unknown compound 640 Unknown compound 640 Unknown compound 640
01-JAN-75	Analyte Unknown Unknown Unknown Unknown Unknown Unknown Unknown Unknown
Sampling Date Range: 01-JAN-75	CAS
Sampling	Meth/ Metrix SWVZ/S
	Lab Anly. No. RL 52678-10
	Sample Date
	2.0 2.0
	Sample No.
	Site 1D SS-M-01
	Site Type Type

^{**} End of Report - 626 Records Found **

SOIL BORINGS - SUBSURFACE SOIL

Site Site
Type ID
---BORE SB-08-01

Final Documentation Appendix Report	Installation : Fort Allen, Puerto Rico (FN)	File Type: CSO	
Final Documental	Installation :Fort	File	

Field Sample No. D	Depth	Sample Date	Lab	Lab Anty. No.	و. چ	Meth/ Matrix	CAS NO.	Analyte Description		J 2		Data Quals	EPA Data Quals
	12.0	19-NOV-96	꿃	52678-01		DRO /S		Diesel range organics	LT 4	, ,	,	:	
						GPB1/S	7459-92-1	Lead	N	_	UGG BV		
						GKU /S	7782-70-3	Gasoline range organics	1.5	-	NGG V		
						GT 17S	7.44-79.7	Thollism	- c	⊋:	> 000 Notes		
						HGC1/S	7439-97-6	Mercury	1 2) =	> > 55		
						ICM1/S	7440-36-0	Antimony		=	> >		
							7440-38-2	Arsenic) =	> 250		
							7440-41-7	Beryllium	316) =	· >		
							7440-43-9	Cadmium	LT .2) =	> > 99		
						ICP1/S	7429-90-5	Aluminum		•	GG VB		
									24300				
							7439-89-6	Iron	51000	_			
							7,30.05.7	T. Cooper	47100	> :			
							-04-40		18200	> =	> >		
							7439-96-5	Manganese	957	9 3	> 20 S		
									973	5	000 VB		
							7440-02-0	Nickel	34.7	Š	-		
							2-60-0552	Potassium		Š	> 99		
									LT 1000	Š	V 55U		
							7440-22-4	Silver		ā	V 50U		
									44.1	Š	> 95		
							7440-23-5	Sodium	1580	Š	NGG V		
									1350	Š	NGG V		
							7440-39-3	Barium	196	3	NGG V		
							!		152	ž	NGG V		
							7440-47-5	Chromium	62.8	5	NGG V		
							4-04-044	CODBIT	4.42	3	7 DOU		
							7440-50-8	Tagaro J	107	3 3	> 200		
							7440-62-2	Variation	100	5 2	> >		
							2-99-052	Zine	76-Y	ă È	> 500 200		
							7440-70-2	Calcium	14000	Š	> 250		
									31300	55	^ 99n		
					σ,	SMV2/S	100-01-6	4-Witroaniline		; 3	v 550		
							100-02-7	4-Nitrophenol	8.	Š	> NGG V		
							105-67-9	2,4-Dimethylphenol		3 3	> 99n		
							106-44-5	p-Cresol / 4-Cresol / 4-Methylphenol		ຮັ	> 990		
							106-46-7	sene		5	V 55U		
							106-47-8	4-Chloroaniline		ຮັ	NGG V		
							108-60-1	Bis(2-chloroisopropyl) ether	LT .33	ອັ	NGG V		
							7-64-901	Phenol / Carbolic acid / Phenic acid		Š	NGG V		
								/ Frienylic acid / Prie*					

^{* -} Analyte Description has been truncated. See Data Dictionary

Site Site
Type ID
....
BORE SB-08-01

Final Documentation Appendix Report Installation :Fort Allen, Puerto Rico (FN) File Type: CSO 28-JAN-97

### ### ### ### ### ### ### ### ### ##	Sample No. Depth	Date	Lab	Lab Anly. No.	Meth/ Matrix	CAS No.	Analyte Description		Conc	Unit		Date Quals	EPA Data Quals
Bis(2-chloroethoxy) methane Bis(2-chloroethoxy) methane Bis(2-chloroethoxy) phhalate Di-n-octyl phthalate LT .33 UGG Anthracene LT .33 UGG Anthracene LT .33 UGG Athracene LT .33 UGG Z,4-Dinitrotoluene Benzoldalphenanthrene / Pyrene LT .33 UGG Dibenzofuran Benzolghilperylene LT .33 UGG Acenaphthylene Chrysene LT .33 UGG Dibenzlehanthracene / 1,2:5,6- LT .6 Dibenzlehanthracene LT .33 UGG Acenaphthylene LT .33 UGG Acenaphthene LT .	12.0		귍	52678-01	SMV2/S	111-44-4	Bis(2-chloroethyl) ether	: 5	.33	nge	>		
Bisic_ethylhexyl) phthalate						111-91-1	Bis(2-chloroethoxy) methane		.33	990	>		
Haracter						117-81-7	Bis(2-ethylhexyl) phthalate		.33	990	>		
Maxach lorobenzene						117-84-0	Di-n-octyl phthalate		.5	990	>		
1,2,4 1,0 1,						118-74-1	Mexachlorobenzene		.33	990	>		
1.2,4-Trichlorobenzene 1.2,3 UGG 2,4-Dinitroplanol 2,4-Dinitroplanol 2,4-Dinitroplanol 2,4-Dinitroplanol 2,4-Dinitroplanol 1.7.33 UGG Benzo [def]phenanthrene / Pyrene 1.7.33 UGG Dimethyl phthalate 1.7.33 UGG Benzo [dhi]per/tene 1.7.35 UGG Benzo [dhi]per/tene 1.7.35 UGG Benzo [dhi]per/tene 1.7.35 UGG Acenaphthylene 1.7.35 UGG Dibenz [ah]anthracene / 1,2:5,6- 1.7.35 UGG Acenaphthylene 1,3-Dichlorobenzene 1,3-Dichlorobenz						120-12-7	Anthracene		.33	990	>		
2,4-Dichlorophenol 2,4-Dichlorophenol 2,4-Dichlorophenol Benzoldef]phenanthrene / Pyrene LT .33 UGG Dimethyl phthalate Dimethyl phthalate LT .33 UGG Benzoldi/Derylene LT .33 UGG Benzoldi/Loranthene / 3,4- LT .33 UGG Benzoldi/Loranthene / 3,4- LT .33 UGG Benzoldi/Loranthene / 3,4- LT .33 UGG Acenaphthylene LT .33 UGG Chrysene Benzolapyrene LT .33 UGG Chrysene Benzolapyrene LT .33 UGG Chrysene Chrysene LT .33 UGG Chrysene LT .33 UGG LT .34- LT .35 UGG Dibenzanthracene 4,6-Dinitrophenol 1,3-Dichlorobenzene LT .33 UGG Cresol / 4-Chloro-3-m² LT .33 UGG Acenaphthylene LT .33 UGG Acenaphthene LT .33 UGG M-Mitrosodi-n-propylamine LT .33 UGG Hexachlorocyclopentadiene LT .33 UGG						120-82-1	1,2,4-Trichlorobenzene		.33	990	>		
2,4-Dinitrotoluene 2,4-Dinitrotoluene 2,4-Dinitrotoluene Benzolgaliphenanthrene / Pyrene 1, 33 Dimethyl phthalate 1, 33 Dimethyl phthalate 1, 33 Dimethyl phthalate 1, 33 Digg Benzolgaliucranthene Fluoranthene Benzolgaliucranthene Fluoranthene Benzolgaliucranthene Fluoranthene Benzolgaliucranthene Fluoranthene Benzolgaliucranthene Chrysene Chryene Chrysene Chryene Chrysene Chryene Chrysene Chryene Chrysene Chryene Chrysene Chrysene Chrysene Chrysene Chrysene Chrysene						120-83-2	2,4-Dichlorophenol		.33	000	>		
Benzo[def]phenanthrene / Pyrene LT .33 UGG Dimethyl phthalate Diemzofuran LT .33 UGG Benzo[dhi]paylene LT .33 UGG Benzo[dhi]paylene LT .5 UGG Benzo[dhi]paylene LT .5 UGG Benzo[dhi]paylene LT .33 UGG Renzo[dhi]paylene LT .33 UGG Chrysene Benzo[dhi]paylene LT .33 UGG Chrysene Benzo[dhi]paylene LT .33 UGG Chrysene Benzo[a]pyrene LT .33 UGG Chrysene Chronopene LT .33 UGG Chrysene Chronopene LT .33 UGG Chronopene Chronopene LT .33 UGG Chronopene Chronop						121-14-2	2,4-Dinitrotoluene		.33	990	>		
Dimethyl phthalate Dimethyl phthalate Dibenzofuran Benzofuluperylene IT .33 UGG Benzofluoranthene Fluoranthene Fluoranthen						129-00-0	Benzo[def]phenanthrene / Pyrene		.33	ยยก	>		
Dibenzofuran Indeno[1,2,3-C,D]pyrene Indeno[1,2,3-C,D]pyrene Indeno[1,2,3-C,D]pyrene Indeno[1,2,3-C,D]pyrene Indeno[1,2,3-C,D]pyrene Indeno[1,2,3-C,D]pyrene Indeno[1,2,3-C,D]pyrene It uoranthene It is ugg Benzo[1,2,1-C,D] Benzo[1,1-D] Benz[1,1-D] Benz[131-11-3	Dimethyl phthalate		33	990	· >		
Benzolghijperylene Indeno[1,2,3-C,D]pyrene Indeno[1,2,3-C,D]pyrene Indeno[1,2,3-C,D]pyrene Indeno[1,2,3-C,D]pyrene Indeno[1,2,3-C,D]pyrene Indeno[1,2,3-C,D]pyrene Indeno[1,2,3-C,D]pyrene Indeno[1,2,3-C,D] Indeno[1,2,3-C,D] Indeno[1,2,1-C,D] Indeno[1,2,1-C,D] Indeno[1,2,1-C,D] Indeno[1,2,1-C,D] Indeno[1,2,1-C,C] Indeno[1,2,1-C,C,C] Indeno[1,2,1-C,C,C] Indeno[1,2,1-C,C,C,C] Indeno[1,2,1-C,C,C,C,C] Indeno[1,2,1-C,C,C,C,C,C] Indeno[1,2,1-C,C,C,C,C,C,C,C,C,C,C] Indeno[1,2,1-C,C,C,C,C,C,C,C,C,C,C,C,C,C,C,C,C,C,C						132-64-9	Dibenzofuran		33	990	>		
Indenci1,2,3-C,Dlpyrene Indenci1,2,3-C,Dlpyrene Benzoflucranthene Fluoranthene LT .33 UGG Chrysene Benzofalpyrene LT .33 UGG Z,4-Dinitrophenol Dibenzanthracene LT .33 UGG Dibenzanthracene LT .33 UGG Jibenzanthracene LT .33 UGG Jibenzanthracene LT .33 UGG Jibenzanthracene LT .33 UGG Jibenzanthracene LT .33 UGG A-Chloro-3-m² C,6-Dinitrotoluene Hexachlorocyclopentadiene LT .33 UGG A-Chloro-3-m² C,6-Dinitrotoluene LT .33 UGG Jibenzanthracene LT .33 UGG A-Chloro-3-m² C,6-Dinitrotoluene LT .33 UGG A-Chloro-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-						191-24-2	Benzo [ghi] perylene		•	ออก	· >		
Benzofbjiloranthene / 3,4- Elucranthene Fluoranthene LT .33 UGG Chrystene Chrythanthracene Chrystene Chrythantate Chrystene Chrythantate Chrystene Chrythantate Chrythenzyl phthalate Chrytheney Chrythantate Chrytheney Chrythaniae Chry						193-39-5	Indeno[1,2,3-C,D]pyrene			990	· >		
Benzofluoranthene Fluoranthene Fluoranthene Fluoranthene Benzo[k]fluoranthene Acenaphthylene Chrysene Benzo[a]pyrene LT .33 UGG Chrysene Benzo[a]pyrene LT .33 UGG Z,4-Dinitrophenol LT .33 UGG Dibenzanthracene A,6-Dinitrocherol LT .33 UGG Jishozanthracene A,6-Dinitrocherol LT .33 UGG Jishozanthracene LT .33 UGG Acenaphthene LT .33 UGG LT .3						205-99-2	Benzo [b] fluoranthene / 3,4-		33	990	· >		
Fluoranthene Benzo[k]fluoranthene Acenaphthylene Chrysene Benzo[alpyrene 2,4-Dinitrophenol Dibenzanthracene / 1,2:5,6- LT .3 UGG Dibenzanthracene 4,6-Dinitrochenol LT .33 UGG Gresol / 4-Chloro-3-m² LT .33 UGG Gresol / 4-Chloro-3-m² LT .33 UGG Cresol / 4-Chloro-3-m² LT .33 UGG Acenaphthene LT .33 UGG Hexachlorocyclopentadiene LT .33							Benzofluoranthene		}	}	•		
Renzolk] fluoranthene Acenaphthylene Chrysene Benzolal pyrene 2,4-Dinitrophenol 1,3-Dinitrophenol 1,3-Dichlorobenzene 4,6-Dinitrophenol 1,3-Dichlorobenzene 2,6-Dinitrophenol 1,3-Dichlorobenzene Benzolal anthracene 2,6-Dinitrophenol 1,3-Dichlorobenzene Benzolal anthracene 2,6-Dinitrophenol 1,3-Dichlorobenzene 1,3-Dichlorobenzene 2,6-Dinitrophenol 1,3-Dichlorobenzene 1,3-Dichlorobenzene 2,6-Dinitrophenol 1,3-Dichlorobenzene 1,3-Dichlorobenzene 2,6-Dinitrophenol 1,3-Dichlorobenzene 2,6-Dinitrophenol 1,3-Dichlorobenzene 2,6-Dinitrophenol 3,3-Dichloro-3-m² 4,7-33 4,6-Dinitrophenol 2,6-Dinitrophenol 3,3-Dichloro-3-m² 4,7-33 4,6-Dinitrophenol 4,6-Chloro-3-m² 2,6-Dinitrophenol 2,6-Dinitrophenol 3,3-Dichloro-3-m² 4,7-Signitrophenol 4,7-Chloro-3-m² 5,6-Dinitrophenol 6,-Chloro-3-m² 1,7-33 1,6-Gin 1,7-33 1,6-Gin 2,6-Dinitrophenol 2,6-Dinitrophenol 3,8-Dinitrophenol 4,-Chloro-3-m² 2,6-Dinitrophenol 3,8-Dinitrophenol 4,-Chloro-3-m² 2,6-Dinitrophenol 3,8-Dinitrophenol 4,-Chloro-3-m² 2,6-Dinitrophenol 3,8-Dinitrophenol 4,-Chloro-3-m² 5,6-Dinitrophenol 6,7-Chloro-3-m² 7,7-33 7,6-Dinitrophenol 8,8-Dinitrophenol 9,8-Dinitrophenol 1,7-33 1,6-Dinitrophenol 1,7-33 1,6-Dinitrophenol 1,7-33 1,6-Dinitrophenol 1,7-33 1,6-Dinitrophenol 2						206-44-0	Fluoranthene		33	9911	>		
Acenaphthylene Chrysene Benzofalpyrene LT .33 UGG LT .33 UGG 2,4-Dinitrophenol Dibenzanthracene / 1,2:5,6- LT .6 Dibenzanthracene 4,6-Dinitro-2-cresol / 2-Methyl-4,6- LT .33 UGG dinitrophenol 1,3-Dichlorobenzene Benzofalanthracene 1,3-Dichlorobenzene LT .33 UGG cresol / 4-Chloro-3-m² 2,6-Dinitrotoluene LT .33 UGG R-Witrosodi-n-propylamine LT .33 UGG Hexachlorocyclopentadiene LT .33 UGG Hexachlorocyclopentadiene LT .33 UGG Diethyl phthalate LT .33 UGG LT .33 UGG Hexachlorocyclopentadiene						207-08-9	Benzo (k) f luoranthene		ď	997	- >		
Chrystene Benzofalpyrene LT .33 Chrystene Dibenziahlanthracene / 1,2:5,6- LT .3 Dibenziahlanthracene / 1,2:5,6- LT .6 Dibenziahlanthracene 4,6-Dinitrophenol LT .33 UGG dinitrophenol LT .33 UGG 3-Methyl-4-chlorophenol / 4-Chloro-3- LT .33 UGG Benzofalanthracene LT .33 UGG A-chlorophenol / 4-Chloro-3- LT .33 UGG Hexachlorocthane LT .33 UGG Hexachlorocyclopentadiene LT .33 UGG Butylbenzyl phthalate LT .33 UGG Hexachlorocyclopentadiene						208-96-8	Acenarhthylene			95	• >		
Benzo (a) pyrene 2,4-Dinitrophenol Dibenziahlanthracene / 1,2:5,6- LT .3						218-01-9	Chrysane		3 5		• >		
2,4-Dinitrophenol Dibenz(ah)anthracene / 1,2:5,6- LT .6 Dibenzanthracene 4,6-Dinitrophenol dinitrophenol 1,3-Dichlorobenzene Benzo(a)anthracene LT .33 UGG Gresol / 4-Chloro-3-m² 2,6-Dinitrotoluene N-Nitrosodi-n-propylamine LT .33 UGG Hexachlorocthane LT .33 UGG Diethyl phthalate Di-n-butyl phthalate LT .33 UGG Butylbenzyl phthalate LT .33 UGG LT .33 UGG LT .33 UGG LT .33						50-32-8	Benzo (a) tovrane		32	200	> >		
Dibenziahl anthracene / 1,2:5,6- LT .6 Dibenzanthracene 4,6-Dinitro-2-cresol / 2-Methyl-4,6- LT .33 dinitrophenol 1,3-Dichlorobenzene Benzola anthracene 2,6-Dinitroclorophenol / 4-Chloro-3- LT .33 UGG Cresol / 4-Chloro-3-m² 2,6-Dinitroclorophenol / 4-Chloro-3- LT .33 UGG M-Witrosodi-n-propylamine LT .33 UGG Hexachlorocthane LT .33 UGG Hexachlorocthane LT .33 UGG Hexachlorocyclopentadiene LT .33 UGG Di-thyl phthalate LT .33 UGG Phenanthrane Di-n-butyl phthalate LT .33 UGG Butylbenzyl phthalate LT .33 UGG RVItrosodiphenylamine LT .33 UGG RVItrosodiphenylamine LT .33 UGG Carbazole / 9H-Fluorene LT .33 UGG UGG LT .33 UGG						51-28-5	2.6-Dinitrochenol		3.	200	> >		
Dibentanthracene 4,6-Dinitro-2-cresol / 2-Methyl-4,6- LT 1 dinitrophenol 1,3-Dichlorobenzene Benzola] anthracene 3-Methyl-4-chlorophenol / 4-Chloro-3- LT .33 UGG cresol / 4-Chloropylamine 2,6-Dinitrotoluene LT .33 UGG N-Witrosodi-n-propylamine LT .33 UGG Hexachlorocyclopentadiene LT .33 UGG Hexachlorocyclopentadiene LT .33 UGG Diethyl phthalate Diethyl phthalate LT .33 UGG LT .33 UGG N-Witrosodiphenylamine LT .33 UGG N-Witrosodiphenylamine LT .33 UGG N-Witrosodiphenylamine LT .33 UGG N-Witrosodiphenylamine LT .33 UGG Carbazole / 9H-Fluorene						53-70-3	Diberz fahlanthracene / 1 2.5 4.		o •	200	> >		
4,6-Dinitrocecresol / 2-Methyl-4,6- LT 1 dinitrophenol 1,3-Dichlorobenzene 1,3-Dichlorobenzene 1,3-Dichlorobenzene 2-Methyl-4-chlorophenol / 4-Chloro-3- LT .33 UGG cresol / 4-Chloro-3-m² 2,6-Dinitrotoluene LT .33 UGG Hexachlorocyclopentadiene LT .33 UGG Hexachlorocyclopentadiene LT .33 UGG Hexachlorocyclopentadiene LT .33 UGG Joshbrone Acenaphthene Disthyl phthalate LT .33 UGG Phenanthrene LT .33 UGG Butyl bathalate LT .33 UGG							O (bentanthracene		0	3	>		
dinitrophenol 1,3-Dichlorobenzene 1,3-Dichlorobenzene 1,3-Dichlorobenzene 1,3-Dichlorobenzene 1,3-Dichlorobenzene 1,3-Dichlorobenzene 1,3-Dichlorobenzene 1,1-33 1,3-Dichlorobene 1,1-33 1,3-Dichlorobenzene 1,1-33 1,3-Dichlorobene 1,1-33 1,3-Dichlorobenzene 1,1-3						534-52-1	4 4-Dinitro-2-creed / 2-Mathyl - 4 4-	-			:		
1,3-Dichlorobenzene 1,3-Dichlorobenzene 1,3-Dichlorobenzene 1,3-Dichlorobenzene 1,3-Dichlorobenzene 1,3-Dichlorobenzene 1,3-Dichlorobenzene 1,3-Dichlorobenzene 2,6-Dinitrotoluene 1,3-Dichlorobenzene 2,6-Dinitrotoluene 1,3-Bischorobenzene 1,3-Bischorobene 1,3-Bisch						30 400	distanting Coreson / Comernylog, o.	3		990	>		
Benzofalanthracene LT .33 UGG 3-Methyl-4-chlorophenol / 4-Chloro-3- LT .33 UGG cresol / 4-Chloro-3-m² 2,6-Dinftrotoluene N-Nitrosodi-n-propylamine LT .33 UGG Hexachlorocthane LT .33 UGG Hexachlorocthane LT .33 UGG Hexachlorocthane LT .33 UGG Diethyl phthalate LT .33 UGG Phenanthrane LT .33 UGG Phenanthrane LT .33 UGG Butylbenzyl phthalate LT .33 UGG Refluorene / 9H-Fluorene LT .33 UGG Carbazole / 9H-Fluorene						1-11-11	dinitrophenol				;		
Benzolalantinacene LT .33 UGG Cresol / 4-Chloro-3-m² LZ,6-Dinitrocluene LY .33 UGG N-Witrosodi-n-propylamine LT .33 UGG Hexachloroethane LT .33 UGG Hexachlorocyclopentadiene LT .33 UGG Hexachlorocyclopentadiene LT .33 UGG Hexachlorocyclopentadiene LT .33 UGG Diethyl phthalate LT .33 UGG Phenanthrene LT .33 UGG Butylbenzyl phthalate LT .33 UGG Butylbenzyl phthalate LT .33 UGG RACHOROCHOPHOPHOPHOPHOPHOPHOPHOPHOPHOPHOPHOPHOPH						741-13-1	1,3-UICHIOFODENZENE		25	990	>		
5-Methyl-4-chlorophenol / 4-Chloro-3- LT .33 cresol / 4-Chloro-3-m² 2,6-Chloro-3-m² 2,7-3-3-06G 2,6-Chloro-3-m² 2,7-3-m² 2,6-Chloro-3-m² 2,7-3-m² 2,8-Chloro-3-m² 2,8-Chloro-						20-22-3	Benzolajantnracene		33	990	>		
cresol / 4-Chloro-3-m* 2,6-Dinitrotoluene N-Witrosodi-n-propylamine LT .33 UGG Hexachlorocthane LT .33 UGG Hexachlorocyclopentadiene LT .33 UGG Acenaphthene LT .33 UGG Acenaphthene LT .33 UGG Butylbenzyl phthalate LT .33 UGG Carbazole / 9H-Fluorene LT .33 UGG Fluorene / 9H-Fluorene LT .33)-nc-kc	3-Methyl-4-chlorophenol / 4-Chloro-3-		33	990	>		
2,6-Dinitrotoluene LT .33 UGG N-Witrosodi-n-propylamine LT .33 UGG Hexachlorocyclopentadiene LT .33 UGG Isophorone LT .33 UGG Acenaphthene LT .33 UGG Diethyl phthalate LT .33 UGG Di-n-butyl phthalate LT .33 UGG Phenanthrene LT .33 UGG Butylbenzyl phthalate LT .33 UGG N-Witrosodiphenylamine LT .33 UGG Fluorene / 9H-Fluorene LT .33 UGG Fluorene / 9H-Fluorene LT .33 UGG Carbazole / 9H-Carbazole LT .33 UGG							cresol / 4-Chloro-3-m*						
N-Witrosodi-n-propylamine LT .33 UGG Hexachloroethane LT .33 UGG Hexachlorocyclopentadiene LT .33 UGG I sophorone LT .33 UGG Acenaphthene LT .33 UGG Diethyl phthalate LT .33 UGG Phenanthrane LT .33 UGG Butylbenzyl phthalate LT .33 UGG N-Witrosodiphenylamine LT .33 UGG Fluorene / 9H-Fluorene LT .33 UGG Carbazole / 9H-Carbazole LT .33 UGG						2-02-909	2,6-Dinitrotoluene		33	000	>		
Hexachloroethane LT .33 UGG Hexachlorocyclopentadiene LT .33 UGG I sophorone LT .33 UGG Acenaphthene LT .33 UGG Diethyl phthalate LT .33 UGG Phenanthrane LT .33 UGG Butylbenzyl phthalate LT .33 UGG N-Nitrosodiphenylamine LT .33 UGG Fluorene / 9H-Fluorene LT .33 UGG Carbazole / 9H-Carbazole LT .33 UGG						621-64-7	N-Witrosodi-n-propylamine		33	nec	>		
Hexachlorocyclopentadiene LT .33 UGG Isophorone LT .33 UGG LT .33 UGG Diethyl phthalate LT .33 UGG Phenanthrene LT .33 UGG Butylbenzyl phthalate LT .33 UGG Butylbenzyl phthalate LT .33 UGG N-Nitrosodiphenylamine LT .33 UGG Carbazole / 9H-Fluorene LT .33 UGG Carbazole / 9H-Fluorene						67-72-1	Hexachloroethane		33	990	>		
Sophorone						77-47-4	Hexachlorocyclopentadiene		33	2011	· >		
Acenspithene Diethyl phthalate Di-n-butyl phthalate Di-n-butyl phthalate Di-n-butyl phthalate LT .33 UGG Phenanthrane Butylbenzyl phthalate LT .33 UGG R-Witrosodiphenylamine LT .33 UGG Fluorene / 9H-Fluorene LT .33 UGG Carbazole / 9H-Carbazole LT .33 UGG						78-59-1	Isophorone		13	991	• >		
Diethyl phthalate Di-n-butyl phthalate Di-n-butyl phthalate Di-n-butyl phthalate LT .33 UGG Butylbenzyl phthalate LT .33 UGG R-Nitrosodiphenylamine LT .33 UGG Fluorene / 9H-Fluorene LT .33 UGG Carbazole / 9H-Carbazole LT .33 UGG						83-32-9	Acenachthene		11	200	• >		
Di-n-butyl phthalate LT .33 UGG Phenanthrane LT .33 UGG Butylbenzyl phthalate LT .33 UGG N-Nitrosodiphenylamine LT .33 UGG Fluorene / 9H-Fluorene LT .33 UGG Carbazole / 9H-Carbazole LT .33 UGG						84-66-2	Diethy phthelate		3 2	200	> >		
Phenanthrana LT .33 UGG Butylbenzyl phthalate LT .33 UGG N-Nitrosodiphenylamine LT .33 UGG Fluorene / 9H-Fluorene LT .33 UGG Carbazole / 9H-Carbazole LT .33 UGG						84-74-2	Di-n-hitel phthalata		3 2	2	> >		
Butylbenzyl phthalate LT .33 UGG N-Witrosodiphenylamine LT .33 UGG Fluorene / 9H-Fluorene LT .33 UGG Carbazole / 9H-Carbazole LT .33 UGG						85-01-8	Phenanthrana		3 5	200	> >		
N-Nitrosodiphenylamine LT .33 UGG Fluorene / 9H-Fluorene LT .33 UGG Carbazole / 9H-Carbazole LT .33 UGG						RS-48-7	Butte heart at the		3:	3	> :		
Fluorene / 9H-Fluorene LT .33 UGG Carbazole / 9H-Carbazole LT .33 UGG						7-02-76	and the state of t		3	990	>		
Fluorene / 9H-Fluorene LT .33 Carbazole / 9H-Carbazole LT .33						0-20-00	M-MICLOSOGIPHENY (SMINE		33	990	>		
Carbazole / 9H-Carbazole LT .33						7-12-0	Fluorene / 9H-Fluorene		33	990	>		
					-	20-1/4-20	Carbazole / 9M-Carbazole		33	99n	>		

^{* -} Analyte Description has been truncated. See Data Dictionary

Final Documentation Appendix Report Installation :Fort Allen, Puerto Rico (FN) File Type: CSO

							Sampling) Date Range:	Date Range: 01-JAN-75				
Si te Type	Site ID	Field Sample No.	Denth	Sample	4	Lab	Meth/	040		E .		Data	EPA Data
					2 :	AILLY. NO.	Matrix	CAS NO.	Analyte Description	Bo Conc		Quals	Quals
BORE	SB-08-01	B080112X	12.0	19-NOV-96	R	52678-01	SMV2/S	87-68-3	Hexachlorobutadiene / Hexachloro-1,3-	LT .33	V 000		
								2 6	butadiene				
								88-06-2	Pentachlorophenol	8. T	A 550		
								2-00-00	2-Withten orophenol				
								88-75-5	2-Nitroaniline	æ:			
								01-20-2	Manhahal and Care				
								21-20-5	Naphthalene / Tar camphor				
								91-27-0	Z-Methylnaphthalene		NGG V		
								91-58-7	2-Chloronaphthalene		V 50U		
								91-94-1	3,3'-Dichlorobenzidine				
								95-48-7	o-Cresol / 2-Cresol / 2-Methylphenol	LT .33			
								95-50-1	1,2-Dichlorobenzene				
								95-57-8	2-Chlorophenol				
								95-95-4	2,4,5-Trichlorophenol				
								98-95-3	Nitrobenzene / Essence of mirbane /				
									Oil of mirbane				
								2-60-66	3-Nitroaniline	LT .8	V pou		
									4-Bromophenyl phenyl ether	LT .33	v 990		
									4-Chlorophenyl phenyl ether	•	V 55U		
										9 E -2	V 22U		
										9	UGG VB		
										8 E -2			
									Unknown compound 615				
					٠					. 4	UGG VB		
										~			
			1						Unknown compound 637	! -			
	28-08-05	B080212X	12.0	12.0 19-NOV-96	굺	52678-02	DRO /S		Diesel range organics	11.6			
		•					GPB1/S	7439-92-1	Lead	2.13			
							GRO /S		Gasoline range organics	25.			
							GSE1/S	7782-49-2	Selenium		> > 550		
							GTL1/S	7440-28-0	Thallium	11.2	> 250 100		
							HGC1/S	2439-97-6	Mercury	17.2	^ 550		
							ICM1/S	7440-36-0	Antimony	17.2	^ 550		
								7440-38-2	Arsenic		^ 990		
								7440-41-7	Beryllium	.428	> 550 000		
								2440-43-9	Cachnium	LT .2	> 250 Ngg - 2		
							1CP1/S	7429-90-5	Aluminum		UGG VR		
								7439-89-6	Iron	40700			
								7439-95-4	Magnesium	17800	-		
								7439-96-5	Manganese	1410	UGG VB		
								7440-02-0					
								7440-22-4	Silver	LT 1000	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		
											> 550		
¥ - ¥	nalyte Descr	- Analyte Description has been truncated.	en trunc		Data D	See Data Dictionary							

28-JAN-97

Final Documentation Appendix Report Installation :Fort Allen, Puerto Rico (FN) File Type: CSO 2R-JAN-07

	EPA Data	200																																													
	Data	6.6																																													
	Unit Flag	2000	NGG V	v 55U	NGG V	NGG \	v 500	> 990												v 5311	> >	> > SSI	> > SS =	990					> 990		> 990	> 590		> 000	A 550		^ 99N	A 550			> > 991				A 550		v 550
	Me Bo Conc		4500	169	8.87	29.5	56.2	131	7 29	13600			¥ 1					5	i					; <u>;</u>						.33			9. 11		LT .33			.5					9.		LT 1		LT .33
Sampling Date Range: 01-JAN-75 28-JAN-97	Analyte Description		Sodice			Cobalt	Copper	Vanadium	Zinc	Calcida	4-Witroaniline	4-Witrophenol	2.4-Dimethylphenol	D-Cresol / 4-Cresol / 4-Methylphenol	1.4-Dichlorobenzene	4-Chloroaniline	Bis(2-chloroisopropyl) ether	Phenol / Carbolic acid / Phenic acid	/ Phenylic acid / Phe*	Bis(2-chloroethyl) ether	Bis(2-chloroethoxy) methane	Bis(2-ethylhexyl) phthalate	Di-n-octyl phthelate	Hexachlorobenzene	Anthracana	1.2 A. Talehi anahamana	1,6,4-1richiorenzene	2,4-Dichlorophenol	Z,4-Dinitrotoluene	Senzoldetiphenanthrene / Pyrene	Dimethyl phthalate	Dibenzofuran	Benzo[ghi]perylene	Indend[1,2,3-C,0]pyrene	Benzo[b] fluoranthene / 3,4-	Benzofluoranthene	Fluoranthene	Benzo [k] fluoranthene	Acenaphthylene	Chrysene	Benzo (a) pyrene	2,4-Dinitrophenol	Dibenz[ah]anthracene / 1,2:5,6-	Dibenzanthracene	4,6-Dinitro-2-cresol / 2-Methyl-4,6-	dinitrophenol	1,3-Dichlorobenzene
Date Range:	CAS No.		7440-23-5	7/10 /7 4	C-14-0441	7-87-055/	7440-50-8	7440-62-2	9-99-0552	7440-70-2	100-01-6	100-02-7	105-67-9	106-44-5	106-46-7	106-47-8	108-60-1	108-95-2		111-44-4	111-91-1	117-81-7	117-84-0	118-74-1	120-12-7	120-82-1	120-02-	124 47 3	120-00-0	121 11 1	2-11-15	75-56-76	2-52-161	173-39-5	202-99-2		206-44-0	6-90-707	208-96-8	218-01-9	50-32-8	51-28-5	53-70-3		534-52-1		541-73-1
Sampling	Meth/ Matrix		ICP1/S								SMV2/S																																				
•	Lab Lab Anly. No.		RL 526/8-02																																												
	Sample Date		19-NOV-90																																												
	Depth		16.0																																												
	Field Sample No.	200000	BUOUZ ICA																																												
		CD-08-02																																													
	Site Type	100																																													

* - Analyte Description has been truncated. See Data Dictionary

Final Documentation Appendix Report Installation :Fort Allen, Puerto Rico (FN) File Type: CSO Sampling Date Range: 01-JAN-75 28-JAN-97

Depth 12.0

Field Sample No. BO90112X

Site Site
Type ID
....
BORE SB-09-01

Sample		Lab	Meth/			₹		Unit	t Flag	Data	EPA Data
Date	Lab A	Lab Anly. No.	Matrix	CAS No.	Analyte Description		Conc	Meas		Quals	Quals
	'		:			:					
18-NOV-96		52678-14	SMV2/S	129-00-0	Benzo[def]phenanthrene / Pyrene	5	.33	UGG	>		
				131-11-3	Dimethyl phthalate	5	.33	990	>		
				132-64-9	Dibenzofuran	=	.33	000	>		
				1610-18-0	2,4-Bis(isopropylamino)-6-methoxy-		.32	200	۸s		
					1,3,5-triazine / Primato*						
				191-24-2	Benzo[ghi]perylene	5	9.	ngg	>		
				193-39-5	Indeno[1,2,3-C,D]pyrene	5	2.	ngg	>		
				205-99-2	Benzo[b] fluoranthene / 3,4-	_	.33	NGG	>		
					Benzofluoranthene						
				206-44-0	Fluoranthene	۲	.33	บออ	>		
				207-08-9	Benzo [k] fluoranthene	۲	.5	NGG	>		
				208-96-8	Acenaphthylene	۲	.33	ngg	>		
				218-01-9	Chrysene	۲	.33	000	>		
				50-32-8	Benzo[a]pyrene	5	.33	000	>		
٠				51-28-5	2,4-Dinitrophenol	5	∞.	000	>		
				53-70-3	Dibenz [ah] anthracene / 1,2:5,6-	=	9.	000	>		
					Dipenzanthracene						
				534-52-1	4,6-Dinitro-2-cresol / 2-Methyl-4,6- dinitrophenol	<u>_</u>	_	990	>		
				541-73-1	enzene	5	.33	UGG	>		
				56-55-3		ב	.33	UGG	>		
				59-50-7	henol / 4-Chloro-3-	5	.33	UGG	>		
					cresol / 4-Chloro-3-m*						
				606-20-2	2,6-Dinitrotoluene	٥	.33	000	>		
				621-64-7	N-Nitrosodi-n-propylamine	5	.33	990	>		
				67-72-1	Hexachloroethane		.33	UGG	>		
				7-27-22	Hexach procycl pnentadiene		33	100	>		
				78-50-1	[conhorone	: =	1		. >		
				84-12-0	Aceneria thene	: =	44	200	• >		
				6, 74.7	Diothy shaholoto	: =	22		>		
				2-00-60	Dietily Dittiatate	5 =	22		> >		
				2-14-50	phononthings phonon and	::			> >		
				02-01-0	Prenarichiene Butterformund - Lt. L.	: :		9 0	> >		
				62-60-6	Bucylbenzyl phrhalate	3 !	9:	9 6	> :		
				80-30-6	N-Nitrosodipheny(amine	؛ د	٠ <u>٠</u>	200	> :		
				86-73-7	Fluorene / 9M-Fluorene	5	.33	990	>		
				8- 74-8	Carbazole / 9H-Carbazole	ב	.33	990	>		
				87-68-3	Hexachlorobutadiene / Hexachloro-1,3-	5	.33	UGG	>		
					butadiene						
				87-86-5	Pentachlorophenol	ב	∞.	UGG	>		
				88-06-2	2,4,6-Trichlorophenol	5	.33	UGG	>		
				88-74-4	2-Nitroaniline	5	æ.	990	>		
				88-75-5	2-Nitrophenol	5	.33	990	>		
				91-20-3	Naphthalene / Tar camphor	5	.33	990	>		
				91-57-6	2-Methylnaphthalene	5	.33	990	>		
incohod Co.	T Date 0	intionant									

^{* -} Analyte Description has been truncated. See Data Dictionary

Final Documentation Appendix Report Installation :Fort Allen, Puerto Rico (FN) File Type: CSO

	EPA Deta Que (s	
	Data Quals	
	Unit Flag Mess Codes LGG V UGG V UGG V UGG V	
	Me Bo Conc LT .33 LT .33 LT .33 LT .33 LT .8	
Date Range: 01-JAN-75 28-JAN-97	Analyte Description 2-Chloromaphthalene 3,3'-Dichlorobenzidine o-Cresol / 2-Gresol / 2-Methylphenol 1,2-Dichlorobenzene 2-Chlorophenol 2,4,5-Trichlorophenol Mitrobenzene / Essence of mirbane /	
_	CAS No. 91-58-7 91-94-1 95-48-7 95-50-1 95-57-8 95-95-4	
Sampling	Meth/ Natrix SMVZ/S	
	Lab Anly. No.	
	Sample Date 18-NOV-96	
	Depth	
	Field Sample No.	
	Site ID TO SB-09-01	
	Site Type	

6. 11 11 .33 11 .33 2,4,5-Trichlorophenol Witrobenzene / Essence of mirbane / 4-Bromophenyl phenyl ether 4-Chlorophenyl phenyl ether Unknown compound 537 Gasoline range organics Diesel range organics Unknown compound 539 Unknown compound 548 Unknown compound 549 Unknown compound 551 Unknown compound 607 Unknown compound 614 Unknown compound 615 Unknown compound 623 Jihknown compound 637 Oil of mirbane 3-Nitroaniline 95-95-4 98-95-3 2-60-66

18-NOV-96 18-NOV-96

12.0 12.0

B090212X B090212X

SB-09-02

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Arsenic Beryllium Cadmium Mercury Antimony lagnes i um langanese halling otassium Selenica I Laine Sodium Mickel Silver Barium ۶ 7439-92-1
7782-49-2
7440-28-0
7440-36-0
7440-36-0
7440-41-7
7440-41-7
7440-43-9
7459-96-5
7440-95-4
7440-02-0
7440-23-5
7440-23-5
7440-23-5
7440-48-4 GRO /S DRO /S GPB1/S GSE1/S GTL1/S HGC1/S ICP1/S 52678-15 52678-15

20800 29800 16800 2080 34.3 1000 2 1000 337 29.6 24.2

555555

* - Analyte Description has been truncated. See Data Dictionary

80

Chromica

Cobalt

Site Site
Type ID
---BORE SB-09-02

Final Documentation Appendix Report Installation :Fort Allen, Puerto Rico (FN) File Type: CSO Sampling Date Range: 01-JAN-75

	•		Lab	Meth/			æ		Unit Flag	Data	EPA Data
			Lab Anly. No.	Matrix	CAS No.			Conc	Meas Codes	Quals	Quals
0 07							;				
	06-NON-81 0.	X L	CL-8/97C	ICP1/S	7-79-044/	Vanadıum		95.4	> 000		
					7440-66-6	Zinc		51.9			
					7440-70-2	Calcium		89500			
				SMV2/S	100-01-6	4-Nitroaniline		ω.	A 550		
					100-02-7	4-Nitrophenol	5	∞.	NGG V		
					105-67-9	2,4-Dimethylphenol		.33	V 55U		
					106-44-5	p-Cresol / 4-Cresol / 4-Methylphenol		.33			
					106-46-7			.33			
					106-47-8	4-Chloroaniline		.33			
					108-60-1	Bis(2-chloroisopropyl) ether		33			
					108-95-2	Phenol / Carbolic acid / Phenic acid	=	33			
						/ Phenylic acid / Phe*					
					111-44-4	Bis(2-chloroethyl) ether	_	33	١١٥، ٧		
					111-01-1	Ris (2-chloroethoxy) methans		44	> > 550		
					117-81-7	Ric (2-othylbexyl) rhthalate		2 4			
					117-8/0	Distance to the ball of the control	-	2			
					118-7/-1	Howerh Croponions					
					1-4/-011	nexacntoropenzene		?!			
					120-12-7	Anthracene		.33			
					120-82-1	1,2,4-Trichlorobenzene		.33			
					120-83-2	2,4-Dichlorophenol		.33	NGG V		
					121-14-2	2,4-Dinitrotoluene	-	.33	V 55U		
					129-00-0	Benzo [def] phenanthrene / Pyrene		33			
					131-11-3	Dimethy phthalate		33			
					132-64-9	Dibenzofuran		44			
					101-24-2	Benzofahilbenylene		7			
					107.70	benzolgnijperytene					
					193-39-5	Indenoti, C, 3-C, Uj pyrene		J.	7 250		
					202-66-502	Benzo[b] fluoranthene / 3,4-	=	.33	NGG V		
						Benzofluoranthene					
					206-44-0	Fluoranthene	5	.33	NGG V		
					207-08-9	Benzo [k] fluoranthene		5	v 55U		
					208-96-8	Acenaphthylene		.33			
					218-01-9	Chrysene		22			
					50-32-8	Renyolalnorene		22			
					51-28-5	2 4-Dinitrophenol	<u>.</u>				
					53-70-3	Dibenz fahlanthracene / 12.5 K-					
						Dibenzenthrecene	;	2			
				_	536-52-1	6 A-Dinitro-2-cross! / 2-Nethyl-6 A-	-	_	7		
					1.36-466	4,0-0111110-2-CI esot / 2-Methyl-4,0-	2				
						ainitrophenol		ļ			
					541-75-1	1,5-Dichlorobenzene	_	.33			
					56-55-3		L	.33			
					29-50-7	3-Methyl-4-chlorophenol / 4-Chloro-3-	_	.33	NGG V		
						cresol / 4-chloro-3-m*					
					606-20-2	2,6-Dinitrotoluene	5	.33			
					621-64-7	N-Nitrosodi-n-propylamine		.33	UGG V		
to the contract and and the contract and	botooniu.	4010 000									
Thurs need	L'uncareu.	סבה שמום שונ	TIONALY								

^{* -} Analyte Description has been tru

Site Type

Final Documentation Appendix Report Installation :Fort Allen, Puerto Rico (FW) File Type: CSO 28-JAN-97

	EPA Data	anats																												
	Data	SIBDA																												
	Unit Flag	meas codes	>	> > > > > > > > > > > > > > > > > > > >	> > 990	200	> > 290	> > 550	> 250 250	> 201	> > 200	> 201	> 201	> 201		7 991	> 200	> 200	> 350	> > > > > > > > > > > > > > > > > > > >	> > > > > > > > > > > > > > > > > > > >	201	> 201	> > 251	> > 991	> > > > > > > > > > > > > > > > > > > >	> > 255	A 990		
	e de	2 :	11 .33	11	11 . 33	17	11 33	F	1 33	11.33	11	11 44	; <u>-</u>	: =	i	× 1	11 44		; <u>;</u> ;	1		11.33	K. 1.1	15	11	1	- L1	11 .33	•	
/A-MY7-07	Analyte Description		Hexachloroethane	Wexachlorocyclopentadiene	Isophorone	Acenaphthene	Diethyl phthalate	Di-n-butyl phthalate	Phenanthrene	Butylbenzyl phthalate	N-Nitrosodiphenylamine	Fluorene / 9H-Fluorene	Carbazole / 9M-Carbazole	Hexachlorobutadiene / Hexachloro-1.3-	butadiene	Pentachlorophenol	2,4,6-Trichiorophenol	2-Nitroeniline	2-Ni trophenol	Naphthalene / Tar camphor	2-Nethylnaphthalene	2-Chloronaphthalene	3,3'-Dichlarobenzidine	o-Cresol / 2-Cresol / 2-Methylphenol	1,2-Dichlorobenzene	2-Chlorophenol	2,4,5-Trichlorophenol	Witrobenzene / Essence of mirbane /	Oil of mirbane	
Sile v and B	CAS No.		•	77-47-4	78-59-1	83-32-9	84-66-2	84-74-2	85-01-8	85-68-7	86-30-6	86-73-7	86-74-8	87-68-3		87-86-5	88-06-2	7-72-88	88-75-5	91-20-3	91-57-6	91-58-7	91-94-1	7-84-56	95-50-1	95-57-8	95-95-4	98-95-3		50.00
	Meth/ Matrix		SMV2/S																											
	Lab Anly. No.		RL 52678-15																											
	Sample Date		96-NON-8L																											
	Depth		0.21																											
	Field Sample No.		80YUZ 12X																											
	Site	CB-00-03	30-40-ac																											

Unknown compound 596 Unknown compound 606 Unknown compound 614 Unknown compound 615 Unknown compound 623

Unknown compound 549 Unknown compound 551 Unknown compound 596

>>> 6 > 8 > 8 9 8 8 8

4-Branophenyl phenyl ether 4-Chlorophenyl phenyl ether Unknown compound 537 Unknown compound 539 Unknown compound 544 Unknown compound 547 Unknown compound 548

3-Nitroaniline

99-09-2

^{* -} Analyte Description has been truncated. See Data Dictionary

Site Type

Final Documentation Appendix Report Installation :Fort Allen, Puerto Rico (FN) File Type: CSO

	EPA Data	Quals																																											
	Data	duals																																											
	Unit Flag	meds codes	_		UGG BV	> 100 n) ogo) ogo	7 250	> 200	7 200	> 500 000	a 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	_	_	N 991		> > 201	> > 991	> >	> > 250	> > 000	> > 990	^ 550 Ngg	^ 550 000	^ 550	\ 000 \ \ 000	N 990	V 200	V 25U	V 55U	A 550	V 22U	V DDU	7 99n		^ 55U	v 55U	NGG v	A 590	V 55U	_	V 550	V DDU	NGG V
	Me Bo Conc			LT 4	6.55	 		7 1 7		-	101	11 2		37100	18500	614	300			LT 1000		46.5	22.1	55.9	124	58.9	27000			ב	ב			ב	LT .33			LT .33			17 .33		LT .33	LT .33	•
File Type: CSO Date Range: 01-JAN-75	Analyte Description		Unknown compound 637	Ulesel range organics	Gasoline range organics	Selenium Selenium	Thellium	Mercury	Antimony	Arsenic	Beryllium	Cachium	Aluminum	Iron	Magnesium	Manganese	Nickel	Potassium	Silver	Sodium	Barium	Chromium	Cobalt	Copper	Vanadium	Zinc	Calcium	4-Nitroaniline	4-Nitrophenol		p-cresol / 4-Cresol / 4-Methylphenol	1,4-Dichlorobenzene	e-chloroani (me	black chlorolsopropy() ether	/ Phony in acid / Phenic acid	Pie/2-chlomothuly other	Bio(2-chiorothy) etner	Bis(2-cnloroethoxy) methane	Bis(z-etnylnexyl) phthalate	U1-n-octyl phthalate	Hexach Lorobenzene	Anthracene	1,2,4-Irichlorobenzene	2,4-Uichlorophenol	ביים חווו רו סרסומבוום
	CAS No.			7439-92-1		7782-49-2	7440-28-0	7439-97-6	7440-36-0	7440-38-2	7440-41-7	7440-43-9	7429-90-5	7439-89-6	7439-95-4	7439-96-5	7440-02-0	2-60-05-2	7440-22-4	7440-23-5	7440-39-3	7440-47-3	7440-48-4	7440-50-8	7440-62-2	9-99-0557	7440-70-2	00-01-0	100-02-7	102-01-9	100-44-0	100-40-7	108-47-0	108-95-2		111-66-6	111-01-1	117-81-7	117-9/-0	10-77	1-0-/4-1	120-12-7	1 - 20 - 02	121-14-2	
Sampling	Meth/ Matrix		SMV2/S	GP81/S	GRO /S	GSE1/S	GTL1/S	HGC1/S	ICM1/S				ICP1/S														euvo ve	S/2/MC									•			•	•		_		
			RL 52678-15 RI 52678-05																																										
	Depth		12.0 18-NOV-96																																										
	Field Sample No.	8000312V	B090312X																																										
	Site ID	SR-00-02	SB-09-03																																										

^{* -} Analyte Description has been truncated. See Data Dictionary

EPA Data Quals

28-JAN-97

Site Site
Type ID
....
BORE SB-09-03

Final Documentation Appendix Report Installation :Fort Allen, Puerto Rico (FN) File Type: CSO

Field Sample Lab Meth/ Sample No. Depth Date Lab Anly. No. Matrix CAS No. Analyte Description Bo Conc B090312X 12.0 18-NOV-96 RL 52678-05 SMV2/S 129-00-0 Benzo[def]phenanthrene / Pyrene				
6		ş	Bo Conc	11 .33
6	76-N			Pyrene
Field Sample Lab Meth/ Sample No. Depth Date Lab Anly. No. Matrix CAS No.			Analyte Description	Benzo [def] phenanthrene /
Field Sample Lab Meth/ Sample No. Depth Date Lab Anly. No. Matrix B090312X 12.0 18-NOV-96 RL 52678-05 SWVZ/S	Date Range		CAS No.	129-00-0
Field Sample Lab Anly. No.	Sampling	Meth/	Matrix	SMV2/S
Field Sample Sample No. Depth Date B090312X 12.0 18-NOV-96		Lab	Lab Anly. No.	 RL 52678-05
Field Sample No. Depth B090312x 12.0		Sample	Date	 18-NOV-96
Field Sample No. BO90312X			Depth	12.0
		Field		 B090312X

Lab	Meth/			9	Unit Flag	400
Lab Anly. No.	Matrix	CAS No.	Analyte Description	Bo Conc	Meas Codes	Out
:		:				
RL 52678-05	SMV2/S	129-00-0	Benzoldeflahenanthrane / Dyrane			
		***	ביייי ביייי לייייי בייייייייייייייייייי		0.00	
		2-11-12	Dimetnyl phthalate		> 550	
		132-64-9	Dibenzofuran	17 .33	> 231	
		191-24-2	Renzo fahilmerviene		- 2	
		107-10			> 250	
		C-4C-C41	Indenoti, 2, 3-C, Dj pyrene	.5	> 990	
		202-89-2	Benzo [b] fluoranthene / 3,4-		v 50U	
			Benzofluoranthene		•	
		204-46-0				
		200			> 990	
		6-90-707	Benzo[k]†luoranthene	.5	> 990	
		8-96-802	Acenaphthylene	11 .33	^ 99H	
		218-01-9	Chrysene		200	
		50-32-A	Renzofelmurene			
•		F 4 - 28 - F		3.	> 990	
		5-02-16	C, *-Dinitrophenol		> 090	
		53-70-3	Dibenz[ah]anthracene / 1,2:5,6-	9. 11	^ 990	
			Dibenzanthracene			
		534-52-1	4,6-Dinitro-2-cresol / 2-Methyl-4.6-		7 251	
			dinitrophenol			
		541-73-1	1 -Dichiorobanana		:	
		2 2 2 2				
		20-00	Senzo (a) anthracene		> 990	
		29-50-7	3-Methyl-4-chlorophenol / 4-Chloro-3-	11 .33	7 990	
			cresol / 4-Chloro-3-m*			
		606-20-2	2 6-Dinitrotoliene		:	
		421-44-7) ogo	
		1-10-170	M-Mitrosodi-n-propylamine		> 99n	
		67-72-1	Nexachloroethane		7 990	
		7-17-11	Hexachlorocyclopentadiene	17 71	> > 000	
		78-50-1	Teorborone			
		0.27.10				
		25-70	Acenaphtnene			
		7-00-5	Diethyl phthalate		> 990	
		2-14-58	Di-n-butyl phthalate	LT .33		
		85-01-8	Phenanthrene			
		85-68-7	Butylbenzyl phthalate	11	> > > > > > > > > > > > > > > > > > > >	
		86-30-6	M-Nitrosodirhenvienine		- 2	
		86-73-7	Flincane / Ou-Flincane	 		
		84-74-8				
		2 2 2	Carbatone / Yn-Larbazole	33	> 990	
		6-00-70	Mexachlorobutadiene / Hexachloro-1,3-		> 550 000	
			butadiene			
		87-86-5	Pentachlorophenol	LT .8	> 99n	
		2-90-89	2,4,6-Trichlorophenol	17 .33	> 991	
		7-72-88	2-Witroaniline		> 200	
		88-73-5	2-Witrophenol	22 11		
		91-20-3	Marhthalene / Tar campor			
		91-57-6	2-Methylnaphthalane			
		91-58-7	2-Chloropaththalana	5:		
		01-04-1	4 2/ Dichiosphanicis	S: -:	> 250	
			3,3 - Ulcilloroperizigine	8. 1.	> 550	
Date Diesien						

^{* -} Analyte Description has been truncated. See Data Dictionary

Final Documentation Appendix Report Installation :Fort Allen, Puerto Rico (FN) File Type: CSO

	ta	. ;																																									
	EPA Data	S LEON																																									
	Data	5 1																																									
	Unit Flag		> > 990	\ 990	v 25U	v 55U		NGG V	A 990	V 55U	v 55U	UGG VB	UGG VB				90 S		A8 550	> 200	250	A 550	> > 991	> >	> 250	> 550 050	000 VB				7 000		> 550 > 250	> > 990	A 550	V 55U	V 22U	V 55U	7 000	> 550	> > 550 000	v 55U	
	Me Bo Conc	::	: 5			LT .33		LT .8		.33	9 E -2	9	٠.	4. (o ¹	'n.		1	75.37	• •	- 6 - 5	, ,	: -		- 1	111	29300	44300	16700	1880		1 1000			31.5	26.2	7.65	162	61.1	42900			
File Type: CSO ate Range: 01-JAN-75 28-JAN-97	Analyte Description	O-Creen / 2-Green / 2-Methylphone	1,2-Dichlorobenzene	2-Chlorophenot	2,4,5-Trichlorophenol	Nitrobenzene / Essence of mirbane /	011 of mirbane	5-Nitroaniline	4-Bromophenyl phenyl ether	4-Chlorophenyl phenyl ether				Unknown compound 615	סנוענוסאנו במולוסתועם מכט	Hakana cama 437	Diesel range organice	Lead	Gasol ine rande ordanice	Selentin	Thattie	Mercury	Antimony	Arsenic	Beryllium	Cadmium	Aluminum	Iron	Magnesium	manganese	Dottos in		Sodium	Barium	Chromium	Cobalt	Copper	Vanadium	Coloiim	4-Nitrogniline	4-Nitrophenol	2,4-Dimethylphenol	
	CAS No.	95-48-7	95-50-1	95-57-8	42-42-4	98-95-3	200	7-60-66										7439-92-1		7782-49-2	7440-28-0	7439-97-6	7440-36-0	7440-38-2	7440-41-7	7440-43-9	7429-90-5	7459-89-6	4-04-40-4	459-90-0	20-05-2	7440-22-4	7440-23-5	7440-39-3	2440-47-3	7-89-0-75	440-50-8	7-79-044	2-02-044	00-01-6	100-02-7	05-67-9	
Sampling	Meth/ Matrix	SMV2/S															DRO /S										ICP1/S	•							,-,					SMV2/S 1		-	
		RL 52678-05															RL 52678-06																										
	Sample Date	18-NOV-96															12.0 18-NOV-96																										
	Depth	12.0															12.0																										
	Field Sample No.	B090312X															B090412X																										
	Site ID	SB-09-03															SB-09-04																										
	Site	BORE																																									4

* - Analyte Description has been truncated. See Data Dictionary

EPA Data Quals

Final Documentation Appendix Report Installation :Fort Allen, Puerto Rico (FN) File Type: CSO

	23:
	Unit Flag Meas Codes
	Me Bo Conc LT .33
: 01-JAN-75 28-JAN-97	Analyte Description 80 Conc
Sampling Date Range: 01-JAN-75	Meth/ Matrix CAS No.
Sar	te Lab Anly. No. Matrix CAS No. Anal
	Sample O. Depth Date X 12.0 18-NOV-96
	Depth 12.0
	Field Sample No. B090412X
	Site 10 58-09-04
	Site Type BORE

Meth/		2	Linit Elect	400
Matrix CAS No.	Analyte Description	Ro Conc	Mess Codes	Data
'				SIRON
SMV2/S 106-44-5	p-Cresol / 4-Cresol / 4-Methylphenol	17 .33	_	
106-46-7	1.4-Dichtorobenzene			
106-47-8	4-Chloroaniline		> 201	
108-60-1	Bis(2-chiorojaporonyl) ather			
108-95-2	Phenol / Carbolic acid / Phenic acid		990	
	/ Phenylic acid / Phe*		990	
111-44-4	Bis(2-chloroethyl) ether	11 .33	> 251	
111-91-1	Bis(2-chloroethoxy) methane		> 201	
117-81-7	Bis(2-ethylhexyl) phthalate		> > 550	
117-84-0	Di-n-octvi phthelate		> > 550	
118-74-1	Mexachlorobenzene		> 201	
120-12-7	Anthracene		> > 991	
120-82-1	1,2,4-Trichlorobenzene		7 290	
120-83-2	2,4-Dichlorophenol		> 9911	
121-14-2	2,4-Dinitrotoluene		2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	
129-00-0	Benzo[def]phenanthrene / Pyrene	17 .33	V 200	
131-11-3	Dimethyl phthalate		> 550	
132-64-9	Dibenzofuran		7 550	
191-24-2	Benzo [ghi] perylene		> 990	
193-39-5	Indeno[1,2,3-C,D]pyrene		A 990	
202-99-2	Benzo [b] fluoranthene / 3,4-		> 99n	
	Benzofluoranthene			
206-44-0	Fluoranthene	11 .33	v and	
207-08-9	Benzo (k) fluoranthene		> 991	
208-96-8	Acenaphthylene		_	
218-01-9	Chrysene			
50-32-8	Benzo [a] pyrene			
51-28-5	2,4-Dinitrophenol	- L1		
53-70-3	Dibenz [ah] anthracene / 1,2:5,6-	9. 11		
	Dibenzanthracene			
534-52-1	4,6-Dinitro-2-cresol / 2-Methyl-4,6-	11	A 590	
	dinitrophenol			
7-13-1	1,5-Dichlorobenzene		> 590	
20-22-3	Senzo (a) anthracene	17 .33	> 550	
29-50-7	3-Methyl-4-chlorophenol / 4-Chloro-3-	11 .33	> 550	
	cresol / 4-Chloro-3-m*			
2-02-909	2,6-Dinitrotoluene		A 990	
621-64-7	M-Witrosodi-n-propylamine	LT .33		
1-22-19	Hexachloroethane			
77-47-4	Hexach lorocyclopentadiene			
1-65-87	Isophorone	11 .33		
83-32-9	Acenaphthene			
2-99-49	Diethyl phthalate			
84-74-2	Di-n-butyl phthalate	LT .33		

* - Analyte Description has been truncated. See Data Dictionary

Final Documentation Appendix Report Installation :Fort Allen, Puerto Rico (FN) File Type: CSO

	ш.
	Data Quals
	Unit Flag Meas Codes
	Me Bo Conc
28-JAN-97	on Table
Sampling Date Range: 01-JAN-75	Analyte Description
ing Date Range:	Meth/ Matrix CAS No. SMV2/S 85-01-8
sampli	Matri Matri SMV2/
0,	Lab Anly. No.
	Field Sample Sample Sample No. Depth Date B090412X 12.0 18-NOV-96
	Depth 12.0
	Field Sample No.
	Site ID SB-09-04
	Site Type BORE

^{* -} Analyte Description has been truncated. See Data Dictionary

Final Documentation Appendix Report Installation :Fort Allen, Puerto Rico (FN) File Type: CSO

	EDA 0.40	Quals																																											
	9	Quals																																											
	Unit Flag		V 2211	> >	> 990	> 550 000	> 200	^ 99n	> 550 050	> 990	> 99n	> 990	7 990					v 250	A 990	> 990	A 550		^ 99N	NGG V	A 550	> 550	> 99n	> 99n	A 550	7 990	V 55U	A 990	V 220	NGG V	> 390	> 99n	A 550		NGG V	> 990	v 550	A 550	A 990	A 550	N 990
	E.		7 22	3100	17 2	4520	55	49.2	20.8	63	148	68.9	38200	11 .8		11 .33	LT .33			ב							11 .33					11 .33			LT .6		17 .33				17 .33			8. 11	
File Type: CSO 01-JAN-75 28-JAN-97		Analyte Description	Nickel	Potassium	Silver	Sodium	Berica	Chromicm	Cobalt	Copper	un i peue	Zinc	Calcfum	4-Nitrosniline	4-Nitrophenol	2,4-Dimethylphenol	p-Cresol / 4-Cresol / 4-Methylphenol	1,4-Dichlorobenzene	4-Chloroaniline	Bis(2-chloroisopropyl) ether	Phenol / Carbolic acid / Phenic acid	/ Phenylic acid / Phe*	Bis(2-chloroethyl) ether	B18(2-chloroethoxy) methane	Bis(2-ethylhexyl) phthalate	Di-n-octyl phthalate	Hexachlorobenzene	Anthracene	1,2,4-Trichlorobenzene	2,4-Dichlorophenol	2,4-Dinitrotoluene	Benzo [def] phenenthrene / Pyrene	Dimethyl phthalate	Ulbenzoturan	senzolgnijperylene	Indeno[1,2,3-C,D]pyrene	Benzo [b] fluoranthene / 3,4-	Benzofluoranthene	Fluoranthene	Benzo [k] fluoranthene	Acenaphthylene	Chrysene	Benzo (a) pyrene	2,4-Dinitrophenol	Ulbenzanthracene / 1,2:5,6- Dibenzanthracene
File To Sampling Date Range: 01-JAN-75		CAS No.	7440-02-0	7440-09-7	7440-22-4	7440-23-5	7440-39-3	7440-47-3	7440-48-4	7440-50-8	7440-62-2	9-99-055	7440-70-2	100-01-6	100-02-7	105-67-9	106-44-5	106-46-7	100-47-8	108-60-1	108-95-2		111-44-4	1-16-111	117-81-7	117-84-0	118-74-1	120-12-7	120-82-1	120-63-2	2-51-121	0-00-671	151-11-5	6-40-76	7-67-161	193-39-5	7-66-507		206-44-0	6-90-703	208-90-8	V-10-01	0-32-8	C-97-10	6-07-6
Sampling	Meth/	Matrix	1CP1/S											SMV2/S																					•	- •		•	•	•	•	•			n
	Lab	Lab Anly. No.																																											
	Sample	Date	19-NOV-96																																										
		Depth	12.0																																										
	Field	sample No.	BM90112X																																										
	Site	2 :	SB-M9-01																																										
	Site	24	BORE																_											_								_							

* - Analyte Description has been truncated. See Data Dictionary

Final Documentation Appendix Report Installation :Fort Allen, Puerto Rico (FN) File Type: CSO 28-JAN-97

12.0 Depth

Field Sample No. BM90112X

Site ID .---SB-M9-01

Site Type

_	Sample Date	Lab	-	_	CAS No.	Analyte Description	Σď	Me Bo Conc	⊃ 2	Unit Flag Meas Codes	Data	EPA Data
	10-NOV-06	: =	52478-03	CANO	627.63.4		:		: :		0.000	8100
		2	20-0-035		1-20-600	4,6-Dinitro-2-cresol / 2-Methyl-4,6- dinitrophenol	5	-	UGG	>		
					541-73-1	1,3-Dichlorobenzene		.33	9911	>		
					56-55-3	Benzo [a] anthracene		•	000	· >		
					2-05-65	3-Methyl-4-chlorophenol / 4-chloro-3-	-	1 .33	DDO	>		
					606-20-2	Creso(/ 4-Chloro-3-m*	:		:	:		
					621-64-7	N-Nitrosodi-n-propylemine	<u>:</u>		550	> :		
					67-72-1	Hexach Croethane	5 5		5	>:		
					77-47-4	Hexach Lorocontadions	5 :		990	> :		
					78-59-1	Teophorone	: ב	55.	ยอก	> :		
					83-32-9	Acenaph+hene	J :		990	>:		
					84-66-2	Diethyl ohthalate	5 :	۲. ۲.	990			
					84-74-2	Di-n-hitvi phthalata	::		3			
					85-01-8	Phenanthrene	; <u>-</u>		5 5			
					85-68-7	Butvibenzyl phthalate	: :		5 5			
					86-30-6	N-Witrosodinhenvlamine	: :		3 3			
					86-73-7	Fluorene / Ox. Fluorene	: :		3 3			
					86-74-8	Carbazole / 9H-Carbazole	; :		ภูก	> :		
					87-68-3	Hexach orohitadiana / Hexach org. 1 7			390	> :		
					}	butadiene			990	>		
					87-86-5	Pentachiorophenol	-		3	:		
					88-06-2	2.4.6-Trichlorophenol	ב ב	• F	990	>:		
					88-74-4	2-Witroaniline	: :		250	> :		
					88-75-5	2-Nitrophenol	5 :		990	> :		
					91-20-3	Nankthalone / Ter combon	: :		990	> :		
					91-57-6	2-Methylpsobthelese	: ב	 	550	> :		
					91-58-7	2-Chloropaththelene	: :		990	> :		
					91-94-1	3.3/-Dichlorobenzidine	ב ב	٠٠.	990	> :		
					95-48-7	O-Cresol / 2-Cresol / 2-Mothylahonal	: :	• •	מפונים	> :		
					95-50-1	1.2-Dichlorobenzene	<u> </u>	 	990	>:		
	٠				95-57-8	2-Chlorophenol	; <u>-</u>		200	> :		
					95-95-4	2.4.5-Trichlorophenal	5 =	٠ د د	25.5	> :		
					98-95-3	Nitrobenzene / Essence of mirbane /	; <u>-</u>		550	> >		
						Oil of mirbane	3	;	200			
					69-09-2	3-Nitroaniline		•	2011	>		
						4-Bromophenyl phenyl ether		33	200	• >		
						4-Chlorophenyl phenyl ether	5	33	199	> >		
						Unknown compound 537	;	i -	900	> >		
						Unknown compound 539		~	חפפ	-		
						compound		τ.	000	88		
								-5	UGG	8		
								.5	99A	VB		
						Unknown compound 615		9.	OGG	8/		

* - Analyte Description has been truncated. See Data Dictionary

Final Documentation Appendix Report Installation :Fort Allen, Puerto Rico (FN) File Type: CSO Sampling Date Range: 01-JAN-75

	EPA Data	Quals																																											
	Data	Quals																																											
	Unit Flag		וופט אמ	_	-	8 A8	200	A 221		> > 291	> 201	> > 991	> > DBC	> 99n	A 550	A 550	NGG VB	UGG VB				_	> 200 000	> 500	> > 295	> > 950	> > 991	> > 990	7 290	> 990	v 550	> 99n	V 200	> 000	A 990	> 550	v 550	> 200	> 990		7 550	N 990	A 550	A 990	V 22U
	e Z				9 E -2	0 5 - 2	ı		5. 11		11 2	11 .2		LT 5	111	11	27100	31400	18400	956	20.3	3080	17.2		116	29.1	16.8	9.87	122	51.9	89400					11 .33	LT .33					LT .33		1.5	
ate Range: 01-JAN-75 28-JAN-97		Analyte Description	Unknown compound 623		Unknown compound 637	Unknown compound 664	Diesel range organics	Lead	Gasoline range organics	Selenium	Thattium	Mercury	Antimony	Arsenic	Beryllium	Cachrium	Atuminum	Lon	Hagnesium	Mangarese	Nickel	Potassium	Silver	Sodium	Barica	Chromium	Cobalt	Copper	Vanadium	Zinc	Calcium	4-Nitroaniline	4-Witrophenol	2,4-Dimethylphenol	p-Cresol / 4-Cresol / 4-Methylphenol	1,4-Dichlorobenzene	4-Chloroaniline	Bis(2-chloroisopropyl) ether	Phenol / Carbolic acid / Phenic acid	/ Phenylic acid / Phe*	Bis(2-chloroethyl) ether	Bis(2-chloroethoxy) methane	Bis(2-ethylhexyl) phthalate	Ul-n-octyl phthalate	Mexachlorobenzene
Date Range	340	CAS AO.						7439-92-1		7782-49-2	7440-28-0	7439-97-6	7440-36-0	7440-38-2	7440-41-7		2,29-90-5	7439-89-6	7439-95-4	7439-96-5	7440-02-0	7440-09-7	7440-22-4	7440-23-5	7440-39-3	7440-47-3	7-87-055	7440-50-8	7440-62-2	9-99-055	7440-70-2	9-10-00	7-20-001	6-79-60	00-44-0	7-97-901	8-14-00	108-60-1	08-95-2		11-44-4	1-16-111	17-01-7	0-46-	1-4/-0
Sampting D	Meth/	Y	SMV2/S				DRO /S	GPB1/S	GRO /S	GSE1/S	GTL1/S	HGC1/S	ICM1/S				S/LdOI										•			, - ,		SHVZ/S								•			- •		-
	Lab Aniv Mo						. 52678-04																																						
	Sample Date		19-NOV-96 RL				19-NOV-96 RL																																						
	Depth		12.0				7.0																																						
	Field Sample No.		BM90112X				BPHOTOX																																						
	Site Site Type 1D		BORE SB-M9-01			20	20-HH-95																																						
	S Z	:	8																																										

^{* -} Analyte Description has been truncated. See Data Dictionary

Final Documentation Appendix Report Installation :Fort Allen, Puerto Rico (FN) File Type: CSO

	EPA Data Quals
	Data Quals
	Unit Flag Meas Codes UGG V UGG V UGG V
	Me Bo Conc
01-JAN-75 28-JAN-97	Analyte Description Anthracene 1,2,4-Trichlorobenzene 2,4-Dichlorophenol 2,4-Dinitrotoluene
Sampling Date Range: 01-JAN-75	Meth/ Matrix CAS No. SMVZ/S 120-12-7 120-83-2 121-14-2
	Lab Anly. No.
	Sample Date 19-NOV-96
	Depth 7.0
	Field Sample Sample Sample No. Depth Date
	Site ID SB-PH-01
	Site Type

		Re	Unit Flag	Data
ပ 	Analyte Description	Bo Conc	Meas Codes	Ouals
		:::::::::::::::::::::::::::::::::::::::		
SMV2/S 120-12-7	Anthracene	17 .33	v 591	
120-82-1	1.2.4-Trichlorohenzene		- 2	
120-83-2	2 4-Dichlorophenol		-	
121-14-2	2 4-Dinitrotoliene			
120-00-0	Bona Captarbonouth con			
0.00	pencolderiphenanturene / Pyrene			
C-11-1C1	Dimetnyl puthalate		NGG V	
132-64-9	Dibenzofuran		V 55U	
191-24-2	Benzo[ghi]perylene	17 .6		
193-39-5	Indeno[1,2,3-C.D]pyrene			
205-99-2	Benzofhlfluoranthana / 7 /-			
	Bonto (Lionanthan) one	
0 // 700	Peritor tuor anthene	i		
0-44-002	ruoranthene		NGG <	
507-08-9	Benzo [k] fluoranthene	11 .5	V DGG V	
208-96-8	Acenaphthylene		-	
218-01-9	Chrysene	1 44		
50-32-8	Benzofalovrene		> 200	
51-28-5	2.4-Dinitrophenol			
53-70-3	Diheny fahlanthracana / 1 2.5 Z.			
	Dibenzanthracene	٠.	A 550	
522.52.1	/ Animitan decile			
30 400	-0'5-1611111-C-CLesor / 2-Wethyl-4'9-		NGG \	
	ainitrophenol			
541-73-1	1,3-Dichlorobenzene	1.33	V 55U	
56-55-3	Benzo [a] anthracene			
59-50-7	3-Methyl-4-chlorophenol / 4-Chloro-3-		> 201	
	cresol / 4-Chloro-3-m*			
606-20-2	2 6-Dinitrotoliane			
421-64-7		5:1		
10 170	A LI LOSOCI "II DI ODA LBIBLING			
1-21-10	Hexachloroethane		NGG V	
6-55-2)	2,2-Bis(p-chlorophenyl)-1,1-	.12	SA DON	
:	dichloroethene			
4-14-1	Mexachlorocyclopentadiene		v 550	
78-59-1	Isophorone	17 .33	\ 99II	
83-32-9	Acenaphthene		\ 3511	
84-66-2	Diethyl phthalate	17 .33		
84-74-2	Di-n-butyl phthalate		_	
85-01-8	Phenanthrene	22 1		
85-68-7	Rity henzyl shehelete			
86-30-	N-Nithony June 1			
86-73-7			\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	
1-61-00	ruorene / yn-ruorene			
00-14-0	Carbazole / 9H-Carbazole		V 00U	
8/-68-3	Hexachlorobutadiene / Hexachloro-1,3-	LT .33		
2000	Dutaglene			
6.00-70	Pentach (oropheno)		V 55U	
88-06-2	2,4,6-Trichlorophenol			
			,	

* - Analyte Description has been truncated. See Data Dictionary

Site Type

Final Documentation Appendix Report Installation :Fort Allen, Puerto Rico (FN) File Type: CSO

	EPA Data	Quals																											
	Data	Quals																											
	Unit Flag	Meas Codes		200	> :	\ 990 \	NGG V	> 990	> 990	V 22U	> 99n	> 990 090	> 990 000	> 550 000		^ 990	> 550	A 990		> 550			BA 550		8A 990		8 990	8 × 990	
	æ	_							LT .8					17 .33		LT .8	LT .33	LT .33	^		-	 ۲.	.2	٠.	2	M.	٠.,	4.	
Date Range: 01-JAN-75 28-JAN-97		Analyte Description	2-Witnespiline	2-Witrophenol	Narhthalana / Tar campon	2-Machini mantaka jana	Z-Hethythaphthatene	2-Chloronaphthalene	3,3'-Dichlorobenzidine	o-Cresol / 2-Cresol / 2-Methylphenol	1,2-Dichlorobenzene	2-Chlorophenol	2,4,5-Trichlorophenol	Nitrobenzene / Essence of mirbane /	Oil of mirbane	3-Nitroaniline	4-Bromophenyl phenyl ether	4-Chlorophenyl phenyl ether	Unknown compound 539	Unknown compound 548			Unknown compound 614	Unknown compound 615	Unknown compound 623		Unknown compound 632	Unknown compound 660	
_		CAS NO.	88-74-4	88-75-5	91-20-3	01-57-4	0-10-16	7-28-1	91-94-1	95-48-7	95-50-1	95-57-8	95-95-4	98-95-3		99-09-2													
Sampling	Weth/																												
	Lab	•	RL 52678-04																										
	Sample		19-NOV-91																										
	d to		7.0																										
	Field Sample No		BPH0107X																										
	Site ID	: :	PH-01																										

^{**} End of Report - 804 Records Found **

GROUNDWATER

Appendix Report	en, Puerto Rico (FN)	e: CGW
Final Documentation Appendix Report	Installation : Fort Allen, Puerto Rico (FN)	File Type:

	EPA Data	Quats																																													
	Data	Quals	:																																												
	Unit Flag			Jon .	UGL	UGL	กפר	ner	ner	ายก	UGL	ner	NGL	UGL	NGL	UGL	ner	UGL	ner	ner	190	191	i o	101	3 3	3 =	5 5	50	100	1 10	3 3	5 5	1 1 1	Jen Ner	ner	UGL		UGF	NGF	ner	ner	, i	ner	ner	NGL	ฮีก	750
	Me			LT 100		LT 10		_	LT .2	-	LT 5	LT 1	111	LT 200	LT 100	21800		LT 40		LT 10		17 200	LT 10				2 2			2 5		1 1 2 2		LT 10	_	5		11 10		LT 35				LT 10		1 10	
Pate Range: 01-JAN-75 15-JAN-97		Analyte Description		Diesel range organics	Lead	Gasoline range organics	Selenium	Thallium	Mercury	Antimony	Arsenic	Beryllium	Cadmium	Aluminum	Iron	Magnesium	Manganese	Nickel	Potassium	Silver	Sodium	Barium	Chromium	Cobalt	Copper	Vanadium	7 inc		6-Witnesmiline	4-Nitrophenol	2.4-Dimethylphenol	p-Cresol / 4-Cresol / 4-Methylphenol		4-Chloroaniline	Bis(2-chloroisopropyl) ether	Phenol / Carbolic acid / Phenic acid	/ Phenylic acid / Phe*	Bis(2-chloroethyl) ether	Bis(2-chloroethoxy) methane	Bis(2-ethylhexyl) phthalate	Di-n-octyl phthalate	Hexachlorobenzene	Anthracene	1,2,4-Trichlorobenzene	2,4-Dichlorophenol	Z,4-Dinitrotoluene Renzofdeflahenenthrone / Dynone	policological disciplination of the same
Date Range:		CAS No.		4 00 02/2	1-24-454		7.82-49-2	7440-28-0	7439-97-6	7440-36-0	7440-38-2	7440-41-7	2440-43-9	7429-90-5	7439-89-6	7439-95-4	7439-96-5	7440-02-0	2440-09-7	7440-22-4	7440-23-5	7440-39-3	7440-47-3	7440-48-4	7440-50-8	7440-62-2	9-99-077	7440-70-2	100-01-6	100-02-7	105-67-9	106-44-5	106-46-7	106-47-8	108-60-1	108-95-2		111-44-4	111-91-1	117-81-7	117-84-0	118-74-1	120-12-7	120-82-1		129-00-0	,
Sampling	Meth/	Matrix		DRO /W	M/ 045	GRO /W	GSE1/W	GTL1/W	HGC1/W	ICM1/W				ICP2/W															SMV1/W																		
	Lab	Lab Anly. No.		KL 52856-UI																																											
	Sample	Date	70 014 70	04-DEC-90																																											
		Depth	ì	0.03																																											
	Field	sample No.	WOZ0472V	MOSU IZEA																																											
	Site	2 :	10. 50.11	10-CO-M																																											
	Site	ype																																													

^{* -} Analyte Description has been truncated. See Data Dictionary

15-JAN-97

Final Documentation Appendix Report Installation :Fort Allen, Puerto Rico (FN) File Type: CGW Sampling Date Range: 01-JAN-75

	EPA Data																																												
	Data																																												
	Unit Flag Meas Codes		3 3	3 3	1 15 15 15 15 15 15 15 15 15 15 15 15 15	3 2	\$	190	3 3	5 3	3 3	190	190	ายก		ng,		ner	UGL	ner		חפר	ายก	ายก	UGL	T _D	UGL	UGL	J9A	Jen Oe	ner	UGL	ner ner	ฮูก	ฮก		ಶ ಕ	ner	UGL	Jon	חפר	ner ner	Jon	חפר	NGL
	Me Bo Conc			1 1 10	5 5	17 10	?	LT 10	1 10				17 25			17 25		1 10		ב											LT 10			17 10								11 10	LT 10	LT 10	
01-JAN-75 15-JAN-97	Analyte Description	Dimathy Thirth	Dibenzofuran	Benzofahilberylene	Indeno[1,2,3-C,D] pyrene	Benzo[b] fluoranthene / 3.4-	Benzofluoranthene	Fluoranthene	Benzo [k] fluoranthene	Acenaphthylene	Chrysene	Benzo [a] pyrene	2,4-Dinitrophenol	Dibenz[ah]anthracene / 1,2:5,6-	Dibenzanthracene	4,6-Dinitro-2-cresol / 2-Methyl-4,6-	dinitrophenol	1,3-Dichlorobenzene	Benzo [a] anthracene	3-Methyl-4-chlorophenol / 4-Chloro-3-	cresol / 4-Chloro-3-m*	2,6-Dinitrotoluene	N-Nitrosodi-n-propylamine	Hexachloroethane	Mexachlorocyclopentadiene	Isophorone	Acenaphthene	Diethyl phthalate	Di-n-butyl phthalate	Phenanthrene	Butylbenzyl phthalate	M-Nitrosodiphenylamine	Fluorene / 9N-Fluorene	Carbazole / 94-Carbazole	Rexachlorobutadiene / Hexachloro-1,3-	Butadiene	2 6 6 Total Control	z, 4, 0-1 richiorophenol	Z-Nitroaniline	2-Nitrophenol	Maphthalene / Tar camphor	2-Hethylnaphthalene	2-Chloronaphthalene	3, 3' - Dichlorobenzidine	o-Cresol / 2-Cresol / 2-Methylphenol
Sampling Date Range: 01-JAN-75	CAS No.	131-11-3	132-64-9	191-24-2	193-39-5	205-99-2		206-44-0	207-08-9	208-96-8	218-01-9	50-32-8	51-28-5	53-70-3		534-52-1		541-73-1	56-55-3	2-05-65		606-20-2	621-64-7	67-72-1	77-47-4	78-59-1	83-32-9	84-66-2	84-74-2	85-01-8	85-68-7	0-20-9	7-57-00	00-14-0	6-90-70	3.70°C	0.70	7-00-00	\$-\$-00 6-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1	58-73-5	20-1	91-57-6	91-58-7	1-94-1	7-48-7
Sampling	Meth/ Matrix	SMV1/L																																	•										
		RL 52856-01																																											
	Sample Date	04-DEC-96																																											
	Depth	26.0																																											
	Field Sample No.	M030126X																																											
	e Site	₹																																											
	Site Type	MEL																																											

^{* -} Analyte Description has been truncated. See Data Dictionary

15-JAN-97

Site Type

Final Documentation Appendix Report Installation :Fort Allen, Puerto Rico (FN) File Type: CGW 15-JAN-97

EPA Data	Quals	3 8 8 8 8																					
Data	Quals																						
Unit Flag	Meas Codes		ngr	197	191	d =	3	2	3 5	1 2	301	3 5	Š	1911		1911	3 5		1311	3 =	191		
æ	Bo Conc	:	LT 10	LT 10	7 7	1 1	2	11.25	17 10	1 10	-			11 1		1.11	1 2		111		-		
	Analyte Description		1,2-Dichlorobenzene	2-Chlorophenol	2,4,5-Trichlorophenol	Nitrobenzene / Essence of mirbane /	Oil of mirbane	3-Nitroaniline	4-Bromophenyl phenyl ether	4-Chlorophenyl phenyl ether	Ethylbenzene	Styrene / Ethenylbenzene / Styrol /	Styrolene / Cinnamene *	cis-1,3-Dichloropropylene / cis-1,3-	Dichloropropene	1,2-Dichloroethane	Methyl isobutyl ketone /	Isopropylacetone / 4-Methyl-2-pen*	Toluene	Chlorobenzene / Monochlorobenzene	Dibromochloromethane /	Chlorodibromomethane	Total property of
	CAS No.		95-50-1	95-57-8	95-95-4	98-95-3		2-60-66			100-41-4	100-42-5		10061-01-5		107-06-2	108-10-1		108-88-3	108-90-7	124-48-1		127-18-7
Meth/	Matrix		SMV1/W								VMS1/W												
Lab	Lab Anty. No.		KL 52856-01																				
Sample	nate	,0 010	04-DEC-90																				
d+to C	nepun																						
Field Sample Mo	Sample ac	MOZ0424V	A021 050M																				
Site	2 :	MU-02-01	0.00																				
	Field Sample Lab Meth/	Field Sample Lab Meth/ Sample No. Matrix CAS No. Analyte Description Bo Conc Meas Codes Quals	Field Sample Lab Meth/ Sample No. Depth Date Lab Anly. No. Matrix CAS No. Analyte Description Bo Conc Meas Codes Quals	Field Sample Lab Meth/ Sample No. Depth Date Lab Anly. No. Matrix CAS No. Analyte Description Bo Conc Meas Codes Quals	Field Sample LT 10 Sample No. Depth Date LT 10 Sample No. Depth Date LT 10 LT 10 LT 10 LT 10 LT 10	Field Sample Lab Meth/ Unit Flag Data Sample No. Depth Date Lab Anly. No. Matrix CAS No. Analyte Description Bo Conc Meas Codes Quals M030126X 26.0 04-DEC-96 RL 52856-01 SMV1/W 95-57-8 2-Chlorophenol LT 10 UGL 95-95-4 2,4,5-Trichlorophenol LT 17 10 17	Field Sample Lab Meth/ Sample No. Depth Date Lab Anly. No. Matrix CAS No. Analyte Description Bo Conc Meas Codes Quals	Field Sample Lab Meth/ Sample No. Depth Date Lab Anly. No. Matrix CAS No. Analyte Description Bo Conc Meas Godes Quals M030126X 26.0 04-DEC-96 RL 52856-01 SMV1/W 95-50-1 1,2-Dichlorobhenol LT 10 UGL 95-57-8 2-Chlorophenol LT 25 UGL 98-95-3 Nitrobenzene Essence of mirbane / LT 10 UGL	Field Sample Lab Meth/ Sample No. Depth Date Lab Anly. No. Matrix CAS No. Analyte Description Bo Conc Meas Godes Quals	Field Sample Lab Meth/ Sample No. Depth Date Lab Anly. No. Matrix CAS No. Analyte Description Bo Conc Meas Codes Quals	Field Sample Lab Meth/ Sample No. Depth Date Lab Anly. No. Matrix CAS No. Analyte Description Bo Conc Meas Codes Quals	Field Sample Lab Meth/ Sample No. Depth Date Lab Anly. No. Matrix CAS No. Analyte Description Sample No. Depth Date Lab Anly. No. Matrix CAS No. Analyte Description Mo30126X 26.0 04-DEC-96 RL 52856-01 SMV1/W 95-50-1 1,2-Dichlorobenzene M030126X 26.0 04-DEC-96 RL 52856-01 SMV1/W 95-50-1 1,2-Dichlorobenzene M030126X 26.0 04-DEC-96 RL 52856-01 SMV1/W 95-50-1 1,2-Dichlorophenol Sp-57-8 2-Chlorophenol LT 10 UGL 4-Chlorophenyl phenyl ether LT 10 UGL	Field Sample Lab Meth/ Sample No. Depth Date Lab Anly. No. Matrix CAS No. Analyte Description Sample No. Depth Date Lab Anly. No. Matrix CAS No. Analyte Description M030126X 26.0 04-DEC-96 RL 52856-01 SMV1/W 95-50-1 1,2-Dichlorobenzene M030126X 26.0 04-DEC-96 RL 52856-01 SMV1/W 100-41-4 Ethylbenzene M030126X 26.0 04-DEC-96 RL 52856-01 SMV1/W 100-41-4 RL 52856-01 RL	Field Sample Lab Meth/ Sample Lab Anly. No. Matrix CAS No. Analyte Description Bo Conc Mess Codes Quals	Field Sample Lab Meth/ Sample Lab Anly. No. Matrix CAS No. Analyte Description Mo30126x 26.0 04-DEC-96 RL 52856-01 SMV1/W 95-50-1 1,2-Dichlorobenzene M030126x 26.0 04-DEC-96 RL 52856-01 SMV1/W 95-50-1 1,2-Dichlorobenzene M030126x 26.0 04-DEC-96 RL 52856-01 SMV1/W 95-50-1 1,2-Dichlorobenzene M030126x 26.0 04-DEC-96 RL 52856-01 SMV1/W 95-50-1 1,2-Dichlorophenol M030126x 26.0 04-DEC-96 RL 52856-01 Response Respon	Field Sample Lab Meth/ Sample No. Depth Date Lab Anly. No. Matrix CAS No. Analyte Description Mo30126X 26.0 04-DEC-96 RL 52856-01 SWV1/W 95-50-1 Meas Codes Quals LT 10 UGL LT 10 UGL 98-95-3 Me Unit Flag Data Meas Codes Quals LT 10 UGL 4-Chlorophenol LT 10 UGL 4-Chlorophenyl phenyl ether MO42-5 Styrene / Ethylbenzene / Cinnamene * 10061-01-5 Dichlorophenyl phenyl ether LT 10 UGL 4-Chlorophenyl ether LT 10 UGL 4-Chloroph	Field Sample Lab Meth/ Sample No. Depth Date Lab Anly. No. Matrix CAS No. Analyte Description M030126x 26.0 04-DEC-96 RL 52856-01 SWV1/W 95-50-1 M030126x 17 10 M101 Flag Data LT 10 UGL 4-Bromophenyl phenyl ether LT 10 UGL 4-Chlorophenyl phenyl ether LT 10 UGL A-Chlorophenyl phenyl ether LT 10 UGL 4-Chlorophenyl phenyl ether LT 10 UGL A-Chlorophenyl phenyl ether LT 10 UGL 4-Chlorophenyl phenyl ether LT 10 UGL A-Chlorophenyl phenyl	Field Sample Lab Meth/ Sample No. Depth Date Lab Anly. No. Matrix CAS No. Analyte Description Bo Conc Meas Codes Quals M030126x 26.0 04-DEC-96 RL 52856-01 SWVI/W 95-57-8 2-Chlorophenol LT 10 UGL 95-57-8 2-Chlorophenol LT 25 UGL 96-95-3 Nitrobenzene F sesence of mirbane LT 10 UGL 97-95-4 2,4,5-Trichlorophenol LT 25 UGL 98-95-3 Nitrobenzene F Essence of mirbane LT 10 UGL 98-95-3 Nitrobenzene F Essence of mirbane LT 10 UGL 4-Bromophenyl phenyl ether LT 10 UGL 4-Bromophenyl phenyl ether LT 10 UGL 98-09-02 3-Nitrobenzene Styrol / LT 1 UGL 100-42-5 Styrolene / Cinnamene * IT 10 UGL	Field Sample Lab Meth/ Sample No. Depth Date Lab Anly. No. Matrix CAS No. Analyte Description Meas Codes Quals Mo30126X 26.0 04-DEC-96 RL 52856-01 SNVI/4 95-50-1 M030126X 26.0 04-DEC-96 RL 52856-01 SNVI/4 95-50-1 Mo30126X 26.0 04-DEC-96 RL 52856-01 SNVI/4 95-50-1 Mo30126X 26.0 04-DEC-96 RL 52856-01 SNVI/4 95-50-1 Meas Codes Quals LT 10 UGL LT 10 UGL Meas Codes Quals LT 10 UGL LT 10 UGL Meas Codes Quals LT 10 UGL LT 10 UGL Meas Codes Quals LT 10 UGL LT 10 UGL Meas Codes Quals LT 10 UGL LT 10 U	Field Sample Lab Meth/ Sample No. Depth Date Lab Anly. No. Matrix CAS No. Analyte Description Sample No. Depth Date Lab Anly. No. Matrix CAS No. Analyte Description M030126X 26.0 04-DEC-96 RL 52856-01 SWU1/W 95-50-1 M030126X 26.0 04-DEC-96 RL 52856-01 SWU1/W 95-50-1 95-57-8 2-Chlorophenol 95-57-8 2-Chlorophenol 95-57-8 2-Chlorophenol 97-57-8 2-Chlorophenol 97-57-8 2-Chlorophenol 97-57-8 2-Chlorophenol 97-57-8 2-Chlorophenol 17 10 UGL 98-95-3 Mitrobenzene / Essence of mirbane / 17 10 UGL 4-Bromophenyl phenyl ether 17 10 UGL 4-Bromophenyl phenyl ether 17 10 UGL 4-Chlorophenyl phenyl ether 17 10 UGL 4-Chlorophenyl phenyl ether 17 10 UGL 4-Chlorophenyl phenyl ether 17 10 UGL 18 10 UGL 1	Field Sample Lab Meth/ Sample No. Depth Date Lab Anly. No. Matrix GS No. Analyte Description Bo Conc Mess Codes Quals M030126X 26.0 04-DEC-96 RL 52856-01 SWV1/W 95-55-1 1,2-Dichlorobenzene LT 10 UGL CT 11 0 UGL CT 12 0 UGL CT 12 0 UGL CT 12 0 UGL CT 12 0 UGL CT 13 0 UGL CT 14 0 UG	Sample Lab Anly, No. Matrix CAS No. Analyte Description Me Unit Flag Data	Sample Lab Meth Analyte Description Bo Conc Heas Codes Sample Lab Meth Me

호절절

1,2-Dichloropropane Methyl ethyl ketone / 2-Butanone 1,1,2-Trichloroethane

78-87-5 78-93-3 79-00-5

,1-Dichloroethylene / 1,1-

Dichloroethene

3romodich loromethane

Bromoform

,1-Dichloroethane

Methylene chloride / Dichloromethane Carbon disulfide

Vinyl chloride / Chloroethene

1,1,1-Trichloroethane Bromomethane

Chloroform

Acetone Benzene Chloromethane Chloroethane

56-23-5 591-78-6 67-64-1 67-66-3 71-43-2 71-43-2 71-43-2 74-87-3 75-00-3 75-00-3 75-01-4 75-15-0 75-27-4 75-27-4

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LT 1 LT 5 5.4

Tetrachloroethene / Perchloroethylen*
1,2-Dichloroethylenes (cis and trans isomers) / Acetylene *
Carbon tetrachloride
Methyl n-butyl ketone / 2-Hexanone

Tetrachloroethylene

127-18-4 540-59-0

^{* -} Analyte Description has been truncated. See Data Dictionary

15-JAN-97

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		meas codes		ner		ner	Jon	UGF	Jon	ner	ਤ ਤ	3	5	3 3	3 3	3 3	3 3	3 3	190	190	100	3 3	100		3 2	7 2	3 3	i i	Jon Cer	T9N	ner	תפר	UGL	ายก	UGL	UGL	Joh	ner n	חפר	•	3	3	1 0 0
	a a	20000		LT 1		1.1	1 1	250	LT 3	LT 10		2 !	7. 1.	- 4	-		6200	2020	16700	78.	2 Y				1 200					20.6									LT 10		2 :		11 10
01-JAN-75 CGW 15-JAN-97	Analyte Description		Trichloroethylene /Trichloroethene /	Tetrachloroethane / 1,1,2,2-	Tetrachloroethane / Acetylene *	Xylenes, total combined	trans-1,3-Dichloropropene	Diesel range organics	Lead	Gasoline range organics			Antimony	Areani	En;) >1 e8	Cedica	Atuminum	Iron	Magnesium	Manganese	Nickel	Potessica	14×15	Sodium		Chromium	Cobalt	Copper	Vanadium	Zinc	Colcium	4-Nitrogniline	4-Nitrophenol		p-Cresol / 4-Cresol / 4-Methylphenol	1,4-Ulchloropenzene	4-Chloroaniline	Bis(2-chlorolsopropyl) ether	/ Phenylin enil / Phenic acid	Ris(2-chloroethal) ether	Bis/2-chioroethoxy, methans	Bis(2-ethylhexyl) phthalata	Di-n-octyl phthalate
Sampling Date Range: 01-JAN-75	CAS No.		79-01-6	79-34-5					1439-92-1	2707 /0 3	7-44-79-7	9-20-01-72	7440-36-0	7440-38-2	7440-41-7	7440-43-9	7429-90-5	7439-89-6	7439-95-4	7439-96-5	7440-02-0	7-60-057	7440-22-4	7440-23-5	7440-39-3	7440-47-3	7440-48-4	7440-50-8	7440-62-2	9-99-055/	7440-70-2	9-10-001	100-02-7	4-70-COI	100-44-5	7-07-001	8-74-001	108-60-1	7-64-001	111-66-6	111-91-1	117-81-7	117-84-0
Sampling	Meth/ Matrix		VHS1/V					DRO /4	GPB1/W	GK0 /4	GT 1 1/2	HGC1/U	ICM1/2				ICP2/W															M/IAUS									Ì		
	Lab Lab Anly. No.		52856-01					70-95876																																			
			04-DEC-96 RL				0755.04	04-DEC-90 KL																																			
	Depth		26.0				20																																				
	Field Sample No.		MU30126X				MOTOZON	V2770C0L																																			
		20 00	10-CO-ME				MU-03-02																																				
	Site Type	1 1201	MELL																																								

* - Analyte Description has been truncated. See Data Dictionary

Final Documentation Appendix Report Installation :Fort Allen, Puerto Rico (FN) File Type: CGW 15-JAN-97

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	EPA Data	Quals	: : : : : :																																											
	Data	Quals																																												
	Unit Flag	Meas Codes	ner	len Net	TSD.	190	ner	3 3	101	3 3	1 2	101	, e		ner	UGL	ายก	חפר	ายก	ner	UGL		ner		UGL	ner	NGL		UGL	ner	ng.	UGL	NGL	ner	UGL	ner	ner	UGL	ner	UGL	ner	UGL		UGL	NGL	ner
	e .	Bo Conc					LT 10				17 10		17 10		LT 10	LT 10					LT 10		LT 25			LT 10				LT 10	17 10		LT 10					LT 10							LT 10	
Date Range: U1-JAN-75 15-JAN-97		Analyte Description	Hexachlorobenzene	Anthracene	1,2,4-Trichlorobenzene	2,4-Dichlorophenol	2,4-Dinitrotoluene	Benzo[def]phenanthrene / Pyrene	Dimethyl phthalate	Dibenzofuran	Benzo (ah i] pervlene	Indeno[1,2,3-C,0]pvrene	Benzo [b] fluoranthene / 3,4-	Benzofluoranthene	Fluoranthene	Benzo[k]fluoranthene	Acenaphthylene	Chrysene	Benzo [a] pyrene	2,4-Dinitrophenol	Dibenz[ah]anthracene / 1,2:5,6-	Dibenzanthracene	4,6-Dinitro-2-cresol / 2-Methyl-4,6-	dinitrophenol	1,3-Dichlorobenzene	Benzo [a] anthracene	3-Methyl-4-chiorophenol / 4-Chloro-3-	cresol / 4-Chloro-3-m*	2,6-Dinitrotoluene	N-Nitrosodi-n-propylamine	Hexachloroethane	Hexachlorocyclopentadiene	Isophorone	Acenaphthene	Dietnyl phthalate	Di-n-butyl phthalate	Phenanthrene	Butylbenzyl phthalate	N-Nitrosodiphenylamine	Fivorene / 9M-Fivorene	Carbazole / 9M-Carbazole	Hexachlorobutadiene / Hexachloro-1,3-	butadiene	Pentachlorophenol	2,4,6-Trichlorophenot	2-Nitroaniline
	ON ON	CA3 40.	118-74-1	120-12-7	120-82-1	120-83-2	121-14-2	129-00-0	131-11-3	132-64-9	191-24-2	193-39-5	205-99-2		206-44-0	207-08-9	208-96-8	218-01-9	50-32-8	51-28-5	53-70-3		534-52-1		541-73-1	56-55-3	29-20-2		606-20-2	621-64-7	67-72-1	4-24-22	78-59-1	85-52-9	2-00-5	84-74-2	85-01-8	85-68-7	86-30-6	86-73-7	86-74-8	87-68-3		87-86-5	88-06-2	88-74-4
sampring	Meth/	Y 1100	SMV1/W																																											
	Lab	במה אוולץ. מסי	RL 52856-02																																											
	Sample		04-DEC-96							•																																				
	Denth		22.0																																											
	Field Sample No.		M030222X																																											
	Site	•	MW-03-02																																											
	Site	2	WELL																																											

^{* -} Analyte Description has been truncated. See Data Dictionary

Final Documentation Appendix Report
Installation :Fort Allen, Puerto Rico (FN)
File Type: CGW
ADDA DENGE: 01-180-77

Meth/ Matrix (SMV1/W 5 SWV1/W 6 SWV1/W 6	Lab Anly. No.	imple ate DEC-96	Sampling Date Range: 01-JAN-75 15-JAN-97	Lab Anty No Matrix CAS No Ametrix CAS No Matrix CAS No Mat	Meas Codes Quals	TO THE TOTAL OF THE PARTY OF TH	KL 22030-UZ SMV1/W 88-75-5	Naphthalene / Tar camphor	2-Wethylnaphthalene	2-Chloronaphthalene	1 3,3'-Dichlorobenzidine	0-Cresol / 2-Cresol / 2-Methylphanol II 10	1.2-Dichlorobenzene	2-Chlorophenol	Witrobenzene / Essence of mirbane / it in	? i	3-Nitroaniline	4-Bromophenyl phenyl ether LT 10 ugi	LT 10	30	
Sample Date 04-DEC-96				Depth		22 0	77														
Sample Dette Date 22.0 04-DEC-96	Depth 22.0	22.0		Field Sample No.																	
Sample Date 04-DEC-96	Depth 22.0	Field Sample No. Depth																			
Site Field Sample ID Sample No. Depth Date	Site Field Depth 10 Sample No. Depth 10 Sample	Site Field 1D Sample No		Site Type	:	HELL															

		DEC DEDOCIONAL PROPERTO	2	190
	:	Unknown compound 616	50	ner
VHS1/K	VHS1/W 100-41-4	Ethylbenzene	111	101
	100-42-5	Styrene / Ethenylbenzene / Styrol /	-	3 2
		Styrolene / Cinnamene *		Š
	10061-01-5	cis-1,3-Dichloropropylene / cis-1,3-	11.1	וופו
		Dichtoropropene		3
	107-06-2	1,2-Dichloroethane		2
	108-10-1	Methyl isobutyl ketone /	· · ·	3 3
		Isopropylacetone / 4-Methyl-2-nent	;	700
	108-88-3	Total	1 1	
	108-90-7	Chlorobenzene / Monochlorobenzene		100
	124-48-1	Dibromochi oromethene /		3 3
		Chlorodibromomethane	-	חפר
	127-18-4	Tetrachloroethylene /	11.1	2
		Tetrachloroethene / Perchloroethylen*		
	540-59-0	1,2-Dichloroethylenes (cis and trans	1 1	131
			-	100

^{540-59-0 1,2-}Dichloroethylenes (cis and trans isomers) / Acetylene *
56-23-5 Carbon tetrachloride
591-78-6 Methyl n-butyl ketone / 2-Hexanone
67-64-1 Acetone
67-64-3 Chloroform
71-43-2 Benzene
71-55-6 1,1,1-Trichloroethane
74-87-3 Chloromethane
74-87-3 Chloromethane
75-00-3 Chloroethane
75-01-4 Vinyl chloride / Chloroethane
75-01-4 Wethylene chloride / Dichloromethane

^{* -} Analyte Description has been truncated. See Data Dictionary

Final Documentation Appendix Report Installation :Fort Allen, Puerto Rico (FN) File Type: CGW

	EPA Data quals
	Data Quals
	Unit Flag Meas Codes
	Me Bo Conc LT 1
Date Range: 01-JAN-75 15-JAN-97	Analyte Description Carbon disulfide Bromoform
Sampling Date Range:	Meth/ Matrix CAS No.
	Lab Meth/ Lab Anly. No. Matrix
	Sample Depth Date
	. Depth
	Field Sample No.
	Site ID MW-03-02
	Site Type

No. S. S. S. S. S. S. S.	Depth	Date	Lab	Anly. No.	Matrix	CAS No.	Analyte Description	Me Bo Conc	6	Unit Flag Meas Codes	
RL 52856-02 WRSIN 75-15-0 Granbo disulfide LT 1 UG 75-27-4 Bromoform conceptance LT 1 UG 75-27-5 Bromoform conceptance LT 1 UG 75-35-4 1, Dich lorocethane LT 1 UG 78-97-3 Methyl ethyl tethyl ethory Retone / 2-Butanone LT 1 UG 78-00-5 1, 1, 2-1 cith lorocethane LT 1 UG 79-34-5 Trich lorocethylene / Trich lorocethane LT 1 UG 79-34-5 Trich lorocethylene / Trich lorocethane LT 1 UG 79-34-5 Trich lorocethylene / Trich lorocethane LT 1 UG 79-34-5 Trich lorocethane / Acetylene * LT 1 UG Name of the research lorocethane / Acetylene * LT 1 UG Aylorocethane	•		:	1							•
75-25-2 Bromofont Control From From From From From From From From	Õ	4-DEC-96	긺				Carbon disulfide				
75-27-4 Bromodich foromethane 75-34-3 1, 10 Dichlorocethane 75-34-3 1, 10 Dichlorocethane 75-35-3 1, 10 Dichlorocethane 75-35-4 1, 10 Lichlorocethy Rene 7 1, 11 76-39-3 Methyl ethyl ketone 7 1-11 76-30-5 11, 12-Trichlorocethane 7 1, 12-1 77-34-5 Trichlorocethane 7 1, 12-2 11, 12-Trichlorocethane 7 1, 12-2 11, 12-						75-25-2	Bromoform	; <u> -</u>		3 3	
75-34-3 1,1-Dichlorocethane 75-35-4 1,1-Dichlorocethylene / 1,1- 76-95-3 1,1-Dichlorocethylene / 1,1- 76-95-3 1,1-Dichlorocethylene / 1,1- 76-96-3 1,1,2-Trichlorocethane 1,1 1 79-96-3 1,1,2-Trichlorocethane 1,1 1 79-96-4 1,1,2-Trichlorocethane 1,1 1 79-96-4 1,1,2-Trichlorocethane 1,1 1 79-34-5 Tetrachlorocethane / 1,1,2,2- Tet						75-27-4	Bromodichloromethane			5 5	
75-35-4 1,1-Dicklorocttylene / 1,1-						2-72-52	1 1-Dichlorosthene			- N	
78-87-5 1.2-Trich torocthene 78-87-5 79-01-6 7						7-52-52	1 1-Dichlosoothylone / 4 4	- ·		מפר	
78-87-5 1,2-Dichloroptopane						1	Dichlosother	-		UGL	
78-93-3 Nethyl ettyl ketone / 2-Butanone 11 17 79-00-5 1,1,2-Trichloroethene / 11 1 1 1 1 1 1 1 1						78-87-5	1 2-Dichlement				
79-73-5 Methy ethyl ketone / 2-Butanone LT 15 79-01-6 Trichloroethane / 1,1,2,2- Trichloroethane / 1,1,2,2- Tetrachloroethane / Acetylene * LT 1 T9-34-5 Tetrachloroethane / Acetylene * LT 1 T9-34-5 Tetrachloroethane / Acetylene * LT 1 Thirthyl trichloroethane / Acetylene * LT 1 Trichloroethane / Acetylene / Ace						10-07	1,2-Uichtoropropane	[1]		ner ner	
79-01-5 11,2-Trichlorocethane LT 1 79-34-5 Trichlorocethane LT 1 79-34-5 Tetrachlorocethane LT 1 79-34-5-2-1 Lethiv LT 1 78-49-5-2-1 Lethiv LT 1 7440-38-5 Tetrachlorocethane LT 1 7440-38-5 Antimony LT 1 7440-38-5 Antimony LT 1 7440-38-5 Tetrachlorocethane LT 1 7440-41-7 Beryllium LT 1 7440-41-7 Beryllium LT 1 7440-38-5 Tetrachlorocethane LT 1 7440-39-5-4 Manganesium LT 1 7440-02-0 Nickel LT 40 7440-02-0 Nickel LT 500 7440-02-0 Sodium G3400 7440-39-3 Sodium G3400 7440-39-3 Sodium LT 50 7440-60-2 Vanadium LT 50 7440-60-2 Vanadium LT 50 7440-60-2 Vanadium LT 55 7440-60-2 Vanadium LT 55 7440-60-2 Vanadium LT 55 7440-60-3 Vanadium LT 55 7440-60-4 - Viltophenol LT 55 7440-60-5 Zinc LT 50 7440-60-7 Valitorahiline LT 55 7440-60-7 Valitorahiline LT 55 7440-60-7 Valitorahiline LT 55 740-70-2 - Valitorahiline LT 50 740-70-2 - Val						78-75-5	Methyl ethyl ketone / 2-Butanone	LT 15		n er	
79-01-6 Trichloroethhene / IT 1 79-34-5 Ethinyl trichloroethene / IT 1 79-34-5 Tetrachloroethene / 1,1,2,2- Intrachloroethene / 1,1,2,2- Intrachloroethene / 1,1,2,2- Intrachloroethene / 1,1,2,2- Intrachloroethene / 1,1,2,1- Intrachloroethene / 1,1,2,1- Itans-1,3-Dichloroppene IT 1 682/4 7782-49-2 Itens - 1,3-Dichloroppene IT 1 682/4 733-89-6 Itens - 1,3-Dichloroppene IT 1 682/4 733-89-6 Itens - 1,3-Dichloroppene IT 1 682/4 61-62-2 Aluminum IT 200 682/4 61-62-2						2-00-62	1,1,2-Trichloroethane	111		ner	
Ethinum compound 249						79-01-6	Trichloroethylene /Trichloroethene /	111		מפר	
Totach T							Ethinyl trichloride /T*				
Name						79-34-5	Tetrachloroethane / 1,1,2,2-	11 1		190	
Name							Tetrachloroethane / Acetylene *				
RL 52856-03 DRO /W							Unknown compound 249	•		2	
RL 52856-03 DRO /W 7439-92-1 Diesel range organics LT 100 GPB1/W 7439-92-1 Gasoline range organics LT 100 GRS1/W 7440-28-0 Thatlium LT 100 GRS1/W 7440-38-0 Antimony LT 1 7440-38-0 Antimony LT 1 7440-43-9 Cachium LT 1 7440-43-9 Cachium LT 1 7440-02-0 Alumium LT 1 7440-02-0 Alumium LT 1 7440-02-0 Manganese LT 100 7439-96-5 Manganese LT 100 7440-02-0 Nickel LT 500 7440-02-0 Silver LT 500 7440-50-8 Sodium LT 200 7440-50-8 Copper LT 50 7440-65-0 Silver LT 50 7440-66-0 Silver LT 50 7							Xylenes, total combined	1		1 2	
RL 52856-03 DRO /W GREI/W 7439-92-1 Lead GRO /W GREI/W 7440-28-0 Thattium HGCI/W 7440-28-0 Thattium HGCI/W 7440-38-0 Antimony T440-38-2 Arenic T440-43-7 Beryllium ICP2/W 7420-90-5 Aluminum ICP2/W 7440-90-7 Potassium ICP2/W 7440-90-7 Potassium ICP2/W 7440-90-7 Copper T440-47-7 Cobalt ICP2/W 7440-60-6 Zinc ICP2/W 7440-60-7 Calcium SWV1/W 100-01-6 A-Witrophenol ICP2-7 A-Witrophenol ICP2-1 A-Witrophenol ICP2-1 A-Witrophenol ICP2-1 A-Witrophenol ICP2-							trans-1.3-Dichloropronapa			101	
GPB/W 7439-92-1 Lead Gasoline range organics LT 10 CRO /W 7782-49-2 Setenium Gasoline range organics LT 10 CRO /W 7782-49-2 Setenium CTLI 10 LT 11 CM1/W 7439-97-6 Antimony 7440-28-0 Antimony CA40-43-9 Cachium LT 7440-43-9 Atuminum TCP2/W 7429-90-5 Atuminum TCP2/W 7439-96-5 Manganese LT 740-739-96-5 Manganese LT 740-739-96-5 Manganese LT 740-73-9 Sodium LT 740-73-9 Cachium LT 740-9-9 Cachium LT 740-6-6 Zinc LT 740-70-9 Cachium LT 740-6-6 Zinc LT 740-70-9 Cachium LT 740-9-9 Vanadium LT 750-9 CA40-6-6 Zinc LT 740-70-9 Cachium LT 750-9 CA40-6-6 Zinc LT 740-70-9 Cachium LT 740-6-9 Vanadium LT 750-9 CA40-6-9 Zinc LT 740-70-9 Cachium LT 750-9 CA40-6-9 Zinc LT 740-70-9 Cachium LT 750-9 CA40-6-9 Zinc LT 740-70-9 Cachium LT 750-9 CA40-6-9 Zinc LT 740-9-9 Cachium LT 740-9-9 Cachium CA40-9-9 Cachium CA40-9 Cachium CA4	\sim	3-DEC-96	긺	52856-03			Diese range organics	-		100	
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7439-95-4 Magnesium 20300 7439-96-5 Manganese 144 7440-02-0 Nicket 1 17 40 7440-22-4 Silver 17 10 7440-23-5 Sodium 17 10 7440-23-5 Chromium 17 200 7440-47-3 Chromium 17 200 7440-50-8 Copper 17 50 7440-50-8 Copper 17 50 7440-50-8 Copper 17 50 7440-66 Zinc 17 50 7440-70-2 Calcium 17 76800 100-01-6 4-Nitrophenol 17 25 105-67-9 2,4-Dimethylphenol 17 10						7439-89-6	Iron	1600			
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7440-23-5 Sodium 7440-39-3 Barium 7440-47-3 Chromium 7440-48-4 Cobalt 7440-50-8 Copper 7440-65-2 Vanadium 7440-66 Zinc 100-01-6 4-Nitroaniline 100-02-7 4-Nitrophenol 105-67-9 Z,4-Dimethylphenol 105-67-9 Z,4-Dimethylphenol						7.660-22-6				חפר.	
7440-52-5 Sodium 63400 7440-48-4 Cobalt LT 200 7440-68-2 Copper LT 50 7440-66-6 Zinc LT 50 7440-70-2 Calcium 7640-67-6 Calcium LT 20 7440-70-2 Calcium LT 20 7440-70-2 Calcium LT 20 7440-70-2 Calcium LT 20 7450-70-2 Calcium						77.00-22-5	- T- C			UG!	
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7440-50-8 Copper 7440-62-2 Vanadium LT 50 7440-66-6 Zinc LT 20 7440-70-2 Calcium 76800 100-01-6 4-Nitrophenol LT 25 100-02-7 4-Nitrophenol LT 25						7440-48-4	Cobalt	_		3 191	
7440-62-2 Vanadium LT 50 7440-66-6 Zinc 7440-70-2 Calcium 76800 100-01-6 4-Nitrophenol LT 25 100-02-7 4-Nitrophenol LT 25 105-67-9 2,4-Dimethylphenol LT 10						7440-50-8	Copper			195	
7440-66-6 Zinc LT 20 7440-70-2 Calcium 76800 100-01-6 4-Nitrophenol LT 25 100-02-7 4-Nitrophenol LT 25 105-67-9 2,4-Dimethylphenol LT 10						7440-62-2	Vanadium			7 2	
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^{* -} Analyte Description has been truncated. See Data Dictionary

Final Documentation Appendix Report Installation :Fort Allen, Puerto Rico (FN) File Type: CGW 15-JAN-97

Site Site
Type ID
WELL MW-08-01

15-JAN-97

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	•.		Lab	Meth/			4	÷	5	4	
Sample No. Depth		Lab	Lab Anly. No.	Matrix	CAS No.	Analyte Description	Bo Conc			Duals	Olata
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MUSU 120X 20.0	03-DEC-96	귍	52856-03	SMV1/W	106-44-5	P-Cresol / 4-Cresol / 4-Methylphenol	LT 10	190			
					106-46-7	ene		190			
					106-47-8	4-Chloroaniline		195			
					108-60-1	Bis(2-chloroisopropyl) ether		100			
					108-95-2	Phenol / Carbolic acid / Phenic acid	11 10	101			
						/ Phenylic acid / Phe*					
					111-44-4	_	01 T1	3			
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					120-12-7			3 3			
					120-82-1	lorobenzene		1 2 2			
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					129-00-0	rene / Pyrene	LT 10	1 5			
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Site Site
Type ID
WELL MW-08-01

Final Documentation Appendix Report Installation :Fort Allen, Puerto Rico (FN) File Type: CGW 15-JAN-97

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Analyte Description	Phenanthrene	Butylbenzyl phthalate	N-Nitrosodiphenylamine	Fluorene / 9H-Fluorene	Carbazole / 9M-Carbazole	Hexachlorobutadiene / Hexachloro-1,3-	butadiene	Pentachlorophenol	2,4,6-Trichlorophenol	2-Nitroaniline	2-Nitrophenol	Naphthalene / Tar camphor	2-Methylnaphthalene	2-Chloronaphthalene	3,3'-Dichlorobenzidine	o-Cresol / 2-Cresol / 2-Methylphenol	1.2-Dichlorobenzene	2-Chlorophenot	2 4 5-Trichlorophanol	Mittabarent / Forman / Mittabarent	witropenzene / Essence of mirbane /	Ull of mirbane	3-Nitroani(ine	4-Bromophenyl phenyl ether	4-Chlorophenyl phenyl ether	Ethylbenzene	Styrene / Ethenylbenzene / Styrol /	Styrolene / Cinnamene *	cis-1,3-Dichloropropylene / cis-1,3-	Dichloropropene	1,2-Dichloroethane	Methyl isobutyl ketone /	Isopropylacetone / 4-Methyl-2-pen*	Toluene	Chlorobenzene / Monochlorobenzene	Dibromochloromethane /	Chlorodibromomethane	Tetrachloroethylene /	Tetrachloroethene / Perchloroethylen*	1,2-Dichloroethylenes (cis and trans	isomers) / Acetylene *	Carbon tetrachloride	Methyl n-butyl ketone / 2-Hexanone	Acetone	Chloroform
CAS No.	85-01-8	85-68-7	86-30-6	86-73-7	86-74-8	87-68-3		87-86-5	88-06-2	88-74-4	88-75-5	91-20-3	91-57-6	91-58-7	91-94-1	95-48-7	95-50-1	95-57-8	7-50-50	08-05-7	6-64-04		2-60-66			100-41-4	100-42-5		10061-01-5	•	107-06-2	108-10-1		108-88-3	108-90-7	124-48-1		127-18-4		240-59-0		56-23-5	591-78-6	67-64-1	67-66-3
Meth/ Matrix	SMV1/W															•		•								VMS1/W						•			•	•				U 1		L	.	•	v
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Final Documentation Appendix Report Installation :Fort Allen, Puerto Rico (FN) File Type: CGW

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File Type: CGW 01-JAN-75	Analyte Description	B 507 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	1,1.1-Trichloroethane	Bromomethane	Chloromethane	Chloroethane	Vinyl chloride / Chloroethene	Methylene chloride / Dichloromethane	Carbon disulfide	Bromoform	Bromodichloromethane	1,1-Dichloroethane	1,1-Dichloroethylene / 1,1-	Dichloroethene	1,2-Dichloropropane	Methyl ethyl ketone / 2-Butanone	1,1,2-Trichloroethane	Trichloroethylene /Trichloroethene /	Ethinyl trichloride /T*		Tetrachloroethane / Acetylene *	Unknown compound 052	Xylenes, total combined	trans-1,3-Dichloropropene	Diesel range organics	Lead	Gasoline range organics	Selenium	Thattien	Mercury	Antimony	Arsenic	Beryllum	Codmicm	Aluminum	Lou	Magnesica	Kanganese	Nickel	Potassium	Silver	Sodium	Barium	Chromium	Cobalt
File To Sampling Date Range: 01-JAN-75		71-43-2	71-55-6	74-83-9	74-87-3	75-00-3	75-01-4	75-09-2	75-15-0	75-25-2	75-27-4	75-34-3	75-35-4		78-87-5	78-93-3	2-00-62	9-10-62		79-34-5						7439-92-1		7782-49-2	7440-28-0	7439-97-6	7440-36-0	7440-38-2	7-19-044/	7440-43-9	7429-90-5	7459-89-0	7439-95-4	7439-96-5	0-20-05-0	7-60-09-7	7440-22-4	7440-23-5	7440-39-3	7440-47-5	4-94-044
Sampling	Meth/ Matrix	VMS1/W																						:							ICM1/W				ICP2/U										
		RL 52856-03																							52856-04																				
		03-DEC-96 RL																							04-DEC-96 RL																				
	Depth	20.0																							13.0																				
	Field Sample No.	M080120X																						***************************************	M090113X																				
	Site 10	MW-08-01																						***	10-60-MH																				
	Site Type	WELL																																											

^{* -} Analyte Description has been truncated. See Data Dictionary

Final Documentation Appendix Report Installation :Fort Allen, Puerto Rico (FN) File Type: CGW

	EPA Data	quals	:																											
	Data	Quals																												
		Meas Codes		1 2	3 3	191	3 3	<u> </u>	ign ner	ign	l jen	1911	3 3	3 3	70	190	190	190	191	300	Ten Ien	190	190	191	155	191	191	190	TSO	ner
	e s	Bo Conc			17 20		17.25		LT 10		LT 10			11 10		17 10	LT 10	11 35				LT 10			LT 10			LT 10		
File Type: CGW 15-JAN-97	And the Description	Analyce Description	Copper	Vanadium	Zinc	Calcium	4-Nitroaniline	4-Nitrophenol	2,4-Dimethylphenol	p-Cresol / 4-Cresol / 4-Methylphenol	1,4-Dichlorobenzene	4-Chloroaniline	Bis(2-chloroisopropyl) ether	Phenol / Carbolic acid / Phenic acid	/ Phenylic acid / Phe*	Bis(2-chloroethyl) ether	Bis(2-chloroethoxy) methane	Bis(2-ethylhexyl) phthalate	Di-n-octyl phthalate	Hexachlorobenzene	Anthracene	1,2,4-Trichlorobenzene	2,4-Dichlorophenol	2,4-Dinitrotoluene	Benzo[def]phenanthrene / Pyrene	Dimethyl phthalate	Dibenzofuran	Benzo[ghi]perylene	Indeno[1,2,3-C,D]pyrene	Benzo[b] fluoranthene / 3,4-
rile I 1 Date Range: 01-JAN-75	CAS No			7440-62-2	7440-66-6	7440-70-2	100-01-6	100-02-7	105-67-9	106-44-5	106-46-7	106-47-8	108-60-1	108-95-2		111-44-4	111-91-1	117-81-7	117-84-0	118-74-1	120-12-7	120-82-1	120-83-2	121-14-2	129-00-0	131-11-3	132-64-9	191-24-2	193-39-5	205-99-2
Sampling	Meth/						SMV1/W																							
	Lab Antv. No.		RL 52856-04																											
	Sample Date		04-DEC-96																											
			13.0																											
	Field Sample No.		M090113X																											
	Site ID		MW-09-01																											
	Site Type																													

LT 10 LT 10 LT 10 LT 10 LT 25 LT 25

> Benzolalpyrene 2,4-Dinitrophenol Dibenzlahlanthracene / 1,2:5,6-Dibenzanthracene

Fluoranthene Benzo[k] fluoranthene Acenaphthylene Chrysene

206-44-0 207-08-9 208-96-8 218-01-9 50-32-8 51-28-5

Benzofluoranthene

UGL

LT 25

걸벌

4,6-Dinitro-2-cresol / 2-Methyl-4,6- L dinitrophenol 1,3-Dichlorobenzene Benzola]anthracene 3-Methyl-4-chlorophenol / 4-Chloro-3- L cresol / 4-Chloro-3-m*

> 541-73-1 56-55-3 59-50-7

606-20-2

534-52-1

LT 10

^{* -} Analyte Description has been truncated. See Data Dictionary

15-JAN-97

Site Type

Final Documentation Appendix Report Installation :Fort Allen, Puerto Rico (FN) File Type: CGW 15-JAN-07

ν ₁	halate ylamine Luorene Carbazole iene / Hexachloro-1,3- ol phenol esot / 2-Methylphenol zene phenol esot / 2-Methylphenol ssence of mirbane / henyl ether phenyl ether henyl ether			
107-06-2 1,2-Dichloroethane 108-10-1 Methyl isobutyl ke	tone /	LT 1 LT 5	ಪ ಪ	
	•	111	าอก	
	Chlorobenzene / Monochlorobenzene Dibromochloromethane /		חפר	
		-	150	

^{* -} Analyte Description has been truncated. See Data Dictionary

127-18-4

15-JAN-97

Final Documentation Appendix Report Installation :Fort Allen, Puerto Rico (FN) File Type: CGW 15-JAN-97

Sample Depth Date

Field Sample No. M090113X

Site Site
Type ID
WELL MW-09-01

	EPA Data Quals																															
	Data Quals																															
	Unit Flag Meas Codes		UGL		UGL	}	1911		3 3	3 5	301	3 5	ner ner	j	100	ner ner	lei.	Ten	TS/n	Ton	T5N	TSO.		ner	190	Ten	ien Ien		UGL		ner	חפר
	Me Bo Conc	:	111		LT 1		11 1	Z 1	5 5	1 1	-	- 1-1	1	111	1	11	11 1	11	LT 1	. 1 17	LT 1	LT 1		111	LT 15	- 5	111	·	11 1		LT 1	LT 1
	Analyte Description		Tetrachloroethylene /	Tetrachloroethene / Perchloroethylen*	1,2-Dichloroethylenes (cis and trans	isomers) / Acetylene *	Carbon tetrachloride	Methyl n-butyl ketone / 2-Hexanone	Acetone	Chloroform	Benzene	1,1,1-Trichloroethane	Bromomethane	Chloromethane	Chloroethane	Vinyl chloride / Chloroethene	Methylene chloride / Dichloromethane	Carbon disulfide	Bromoform	Bromodichtoromethane	1,1-Dichloroethane	1,1-Dichloroethylene / 1,1-	Dichloroethene	1,2-Dichloropropane	Methyl ethyl ketone / 2-Butanone	1,1,2-Trichloroethane	Trichloroethylene /Trichloroethene /	Ethinyl trichloride /T*	Tetrachloroethane / 1,1,2,2-	Tetrachloroethane / Acetylene *	Xylenes, total combined	trans-1,3-Dichloropropene
	CAS No.		127-18-4		540-59-0		56-23-5	591-78-6	67-64-1	67-66-3	71-43-2	71-55-6	74-83-9	74-87-3	75-00-3	75-01-4	75-09-2	75-15-0	75-25-2	75-27-4	75-34-3	75-35-4		78-87-5	78-93-3	2-00-62	79-01-6		79-34-5			
Mark	Metn/ Matrix																															
1	Lab Anly. No.		RL 52856-04																													

^{**} End of Report - 493 Records Found **

^{* -} Analyte Description has been truncated. See Data Dictionary

SOURCE WATER DATA

Final Documentation Appendix Report Installation :Fort Allen, Puerto Rico (FN) File Type: CGW 28-JAN-07

	Dat
	Unit Flag
	e i
: U1-JAN-75 28-JAN-97	
Sampling Date Range: U1-JAN-7	Lab Meth/
,	Lab
	Sample
	Field Semple No Denth
	ø

						Sampling	g Date Range: 01-JAN-75	01-JAN-75 28-JAN-97				
Site		Field		Sample	Lab				Me	Unit Flag	Data	EPA Data
Type	0	Sample No.	Depth	Date		_	ŝ	Analyte Description	Bo Conc	Meas Codes	Quals	Quals
1					:						:	
HELL MELL	W#2	77%	0.0	14-NOV-96	RL 52614-01			Diesel range organics	LT 100	NGL V		
						GPB1/W	7439-92-1	Lead	LT 3	UGL V		
						GRO /W		Gasoline range organics	LT 10	NGL V		
						GSE1/W	7782-49-2	Setenium	11 5	NGL V		
						GTL1/W	7440-28-0	Thattiem	LT 10	N 750		
						HGC1/W	7439-97-6	Mercury	LT .2	o 7		
						ICM1/W	7440-36-0	Antimony		7 191		
							7440-38-2	Arsenic	. L	> > 1911		
							7440-41-7	Beryl ium		> >		
							0-27-0772	Cachnim		> >		
						1CP2/W	7429-90-5	Alminim	17 200	> >		
							77.10-80-4			- 101		
							7/30-05-/	IT OF				
							4-24-424					
							7459-90-5	Manganese				
							7440-02-0	Nickel		ner v		
							2440-09-7	Potassium	LT 5000			
							7440-22-4	Silver				
							7440-23-5	Sodium				
							7440-79-3					
							2-27-0772	incord.	1 100			
							7.40-48-4					
							1-01-011	CODALL	1 20) or .		
							27,0 70 8	Copper				
					•		7-79-05-5	Vanadium	11 50			
							9-99-0552	Zinc		NGL V	-	
							7440-70-2	Calcium	79800	NGL V		
						SMV1/W	100-01-6	4-Nitroaniline				
							100-02-7	4-Nitrophenol				
							105-67-9	2 4-Dimethylphenol	; <u>;</u>			
							106-44-5	D-Cresol / 4-Cresol / 4-Methylphenol				
							106-46-7		1 1			
							106-47-8	4-Chloroaniline				
							108-60-1	Ris(2-chlorojsopropyl) ather				
							108-95-2	Phenol / Carbolic acid / Dhenir acid	1 1 2			
										-		
							111-44-4	Bis(2-chloroethyl) ether	LT 10	> 190		
							111-91-1	Bis(2-chloroethoxy) methane	LT 10	> >		
							117-81-7	Bis(2-ethylhexyl) phthalate		\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		
							117-84-0	Di-n-orty phthelete				
							118-74-1	Hexach probanana		> 130		
							120-12-7					
							7-21-021	Anthracene				
							1-29-021	1,2,4-Irichiorobenzene		-		
							120-83-2	2,4-Dichlorophenol	LT 10	ngr v		
							120-00-0	Z,4-Ulnitrotoluene		\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		
							0-00-671	benzolderjphenanthrene / Pyrene		NGL V		
*	nalyte Desc	- Analyte Description has been truncated.	en trun		See Data Dictionary	>						

^{* -} Analyte Description has been truncated. See Data Dictionary

Site Site Type 1D

Final Documentation Appendix Report Installation :Fort Allen, Puerto Rico (FN) File Type: CGW Sampling Date Range: 01-JAN-75

					Si i i dimos	SOUTH DATE NATIBES OF THE SOUTH	76-74N-72 C2-74N-6/				
Field		Sample		Lab				4	Hait Flan	4	
Sample No.	Depth	Date	Lab		. Matrix	CAS No.	Analyte Description	Ro Conc	Meas Codes	Data	C'A Data
			:						Sapon span	dual s	duals
7##5	0.0	14-NOV-96	2	52614-01	1 SMV1/W	131-11-3	Dimethyl phthalate		_		
						132-64-9	Dibenzofuran				
						191-24-2	Benzo ahil merviene				
						193-39-5	Indenof1 2 3-C Dinvena				
						205-99-2	Benzofblittonanthane / % 4.	2 -	> : 190		
							Renzofluorenthene		UGL V		
						0-77-906					
						207-08-0			> 150		
						4-90-702	Benzolkj r (Woranthene		חפר <		
						8-96-802	Acenaphthylene	LT 10	7 190		
						218-01-9	Chrysene				
						50-32-8	Benzo [a] pyrene	17 10			
						51-28-5	2.4-Dinitrophenol	1 25			
						53-70-3	Dibenz [ah] anthracene / 1.2:5.6-	1 = 1			
							Dibenzanthracene				
						534-52-1	4.6-Dinitro-2-cresol / 2-Methyl-4 6-	17 25	5		
							dinitrophenol				
						541-73-1	1.3-Dichlorobenzene	17 10	2		
						56-55-3	Benzo (a) anthracene				
						59-50-7	3-Methyl-4-chlorophenyl / 4-chlorott-	2 5			
							presed / /-Children and		> 190		
						404.20.2	2 4 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2				
						7-07-000	Z,o-Dinitrotoluene		^ 190		
						7-90-120	N-Witrosodi-n-propylamine	LT 10	NGL <		
						67-72-1	Mexachloroethane	LT 10	NGL V		
						77-47-4	Hexach lorocyclopentadiene				
						78-59-1	Isophorone				
						83-32-9	Acenaphthene				
						84-66-2	Diethyl chthalate				
						84-74-2	Di-n-Putyl phthelate				
						85-01-8	Phenanthrana				
						85-68-7	Buttel beneat shehell she				
						86-30-6					
						86-72-7					
						84-7/-8	Control of the reserve				
						2 4 6	Carbazole / YH-Carbazole				
						6-90-70	Mexachlorobutadiene / Hexachloro-1,3-	1 10	> 001		
							butadiene				
						87-86-5	Pentachlorophenol	11 25	> 191		
						88-06-2	2,4,6-Trichlorophenol	11 10	> > 150		
						88-74-4	2-Witrosniline				
						88-75-5	2-Nitrophenol		• > - =		
						91-20-3	Naphthalene / Tar camphor				
						91-57-6	2-Methylnaphthalene		> > 150 150 150 150 150 150 150 150 150 150		
						91-58-7	2-Chloronaphthalene				
						91-94-1	3.3'-Dichtorobenzidine		> 1951		
						2-87-50	O-freed / 2-freed / 2-Moshidation		> : ner		
							מ מופסר / כיחופסר / כיחברוואוליובנוסו		UGL V		

^{* -} Analyte Description has been truncated. See Data Dictionary

Site Site Type ID WELL WW#2

Final Documentation Appendix Report Installation :Fort Allen, Puerto Rico (FN) File Type: CGW 28-JAN-07

			Sampling	Date Range: 01-JAN-75	01-JAN-75 28-JAN-97					
Field Sample No. Depth	Sample oth Date	Lab Anly. No.	_	CAS No.	Analyte Description	Me Bo Conc	Unit Meas	Flag Codes	Data Quals	EPA Data Quals
i	-						!	:	-	
		10-4-026	M/I AMO	1-00-06	1,2-Dichlorobenzene		NGL	>		
				8-76-66	2-Chlorophenol	LT 10	UGL	>		
				95-95-4	2,4,5-Trichlorophenol	11 25	3	· >		
				98-95-3	Nitrobenzene / Essence of mirbane /		100	· >		
					Oil of mirbane		100	•		
				2-60-66	3-Nitroaniline	17 25	-	>		
					4-Bromonhenvi phenvi ether	3 5	3 3	> :		
					/- Chlorophony phony other		ન ગ	> :		
			VMS1/L	100-61-6	4-circl opieny preny etner	0	הפר הפר	> :		
				100-42-5	Churana / Ethomathonean / Charles	- :	הפר הפר	> :		
				,	Stylene / Ellenytbenzene / Styrol /	-	UGL	>		
				10021 04 5	stylotede / Cifiliamene *	•				
				C-L0-L0001	cis-1,3-Dichloropropylene / cis-1,3-	11 1	NGL	>		
					Dichloropene					
				107-06-2	1,2-Dichloroethane	LT 1	ner	>		
				108-10-1	Methyl isobutyl ketone /	LT 5		>		
					Isopropylacetone / 4-Methyl-2-pen*					
				108-88-3	Toluene	11 1	ופו	>		
				108-90-7	Chlorobenzene / Monochlorobenzene		301	• >		
				124-48-1	Dibromochloromethane /			• >		
					Chlorodibromomethane			•		
				127-18-4	Tetrachloroethylene /	111		>		
					Tetrachloroethens / Derchloroethylen*	-		>		
				540-50-n	1 2-Dichlososthylonog (cit and train	•				
				0 10 010	isomers) / Acotylenes (cis and trans		חפר	>		
				2 44 72	Solie s / Acetylene -					
				20-63-5	Carbon tetrachloride	111	UGL	>		
				591-78-6	Methyl n-butyl ketone / 2-Hexanone	LT 5	NGL	•		
				67-64-1	Acetone	LT 5	UGL			
				67-66-3	Chloroform	11	ner			
				71-43-2	Benzene	111		· >		
				71-55-6	1,1,1-Trichloroethane	111		· >		
				74-83-9	Bromomethane	111	-	->		
				74-87-3	Chloromethane	111		. >		
				75-00-3	Chloroethane					
				75-01-4	Vinyl chloride / Chloroethene	111				
				75-09-2	Methylene chloride / Dichloromethane	111	-			
				75-15-0	Carbon disulfide	1 1	-			
				75-25-2	Bromoform		1 2			
			•	75-27-4	Bromodichloromethane		2			
				75-34-3	1.1-Dichloroethana		7 2			
			•	75-35-4	•					
				,	Dichlorosthone		OGL <			
		,	•	78-87-5	1 2.5 toki Operation					
				78-04-7		- 1	חפר י			
				70-07-5	4 1 2 1 - i - i - i - i - i - i - i - i - i -	12	ogr <			
			•	C-00-A		LT 1	NGL <			

* - Analyte Description has been truncated. See Data Dictionary

Final Documentation Appendix Report	nstallation :Fort Allen, Puerto Rico (FN)	File Type: CGW
Ę	Instal	

	28-JAN-97	
5		
	01-JAN-75	
	Range:	
	Date	
	ling	
	0	

	EPA Data quals		
	Data Quals		
	Unit Flag Meas Codes	A 190	מפר א מפר א
	Me Bo Conc	111	
e: 01-JAN-75 28-JAN-97	Analyte Description Bo Cor Trichloroethylene / Trichloroethene / LT 1	Tetrachloroethane / 1,1,2,2- Tetrachloroethane / Acetylene *	Xylenes, total combined trans-1,3-Dichloropropene
sampling Date Range: 01-JAN-75	Meth/ Hatrix CAS No.	79-34-5	
7	Lab Anly. No. M		
	Sample h Date 		
	eptl 0.0		
	Field Sample No. [
	Site ID 		
	Site Type		

^{**} End of Report - 122 Records Found **

IRDMIS FLAGGING CODES AND DATA QUALIFIERS

W001976APP 9890-05

ELEMENT IS USED IN THE FOLLOWING IR RECORDS AND DATA BASE TABLES:

IRDMIS I	Record	IRDMIS	Pata Base
Record Type	Column(s)	DB Table(s)	DB Colum
•	132	chem/cqc	
	133		flag_code
	134		•
	135		
	136		
	137		
	138		
	139		
		flag_quals_desc	f_q_code

Any valid chemical or radiological record type

ELEMENT SIZE AND CHARACTERISTICS:

IRDMIS Record:

1 upper-case alphabetical character, full field (as many as 8 per record) chem/cgc:

IRDMIS Data Base:

as many as 8 Flagging Codes per record

flag_quals_desc:

1 Flagging Code per record

ELEMENT DESCRIPTION:

Code assigned by the Laboratory to indicate other-than-usual analytical conditions or results.

ACCEPTABLE CRITERIA:

NOTE:

Flagging Codes marked with * were changed effective 1 February 1993! Flagging Codes marked with ** were changed effective with the introduction of Version 5.2 of the IRDMIS Data Entry and Validation Subsystem (PC IRDMIS) software!

- Analyte found in trip blank as well as in field samples. The analyte was detected in the field sample and the trip blank for the same cooler. To be used for volatiles only.
- Analyte found in the method blank or QC blank as well as the sample. This Code is to В be used when an analyte was detected and quantitated at higher-than-normal background levels. For metals in soil, the following rules must be followed:
 - If the analyte is detected in the method blank, both the field and QC samples are to be flagged.
 - If the analyte is detected in the QC blank, only (2) the QC samples are to be flagged.
- C Analysis was confirmed. This Code is to be used when a confirmation analysis bears out the reported result (if it is above the CRL or MDL). The confirmation analysis must use a different column or analytical technique.
- D Duplicate analysis. This Code is used to distinguish analytical results when duplicate analyses are required. Flag only the second (duplicate) sample.

- E No longer in use.
- Sample filtered prior to analysis. This Code is to be used when results of filtered samples are to be differentiated from non-filtered samples. This Code is also to be used when filtering of samples (as a first step in the sample preparation) is a deviation from the approved method SOP. This Code may be used to indicate both field and laboratory filtering. It is not to be used when filtering the extract is the normal procedure.
- Analyte found in rinse blank as well as field sample. The analyte was detected in the field sample as well as that day's rinse blank for the same equipment type.
- ** H No longer in use after introduction of Version 5.2 of PC IRDMIS.
- Interferences in sample cause the quantitation and/or identification to be suspect. This Code is to be used when matrix interferences may mask detection of the target analyte. Must always be used with Flagging Code J.
- * ** J Value is estimated because of one of the following conditions:

Interferences in the sample (use Flagging Codes J and I)

or

The value is below the method detection level but above the instrumental detection level (use Flagging Codes J and P)

01

The value is above the upper reporting level of the method (use Flagging Codes J and X).

This Code must always be used with Flagging Code I, P, or X. Both the J and I and the J and X combinations may be used both for methods demonstrated under the 1990 QA Program and for methods validated under the 1993 QA Guidelines. The J and P combination is only to be used for methods validated under the 1993 QA Guidelines.

- Reported results affected by interferences or high background. This Code is to be used when analyte levels at or near the CRL or MDL cannot be accurately quantified down to the CRL/MDL due to interferences. This Code will allow a laboratory to input a higher CRL/MDL, rather than defaulting to the Methods data base. (Formerly Flagging Code G)
- * ** L No longer in use after introduction of Version 5.2 of PC IRDMIS.
- ** M No longer in use after introduction of Version 5.2 of PC IRDMIS.
- * N Tentatively identified compound (result of a GC/MS library search) with a match greater than 70%. To be used when specified in the contract/task order.

- * O No longer in use.
- Yalue is less than the method reporting level but greater than the instrumental detection limit. This Code must always be used with J. This Code is only to be used for methods validated under the 1993 QA Guidelines.
- * Q Confirmatory analysis was performed; however, sample interference obscured the area where the peak of interest would have appeared. To be used when the peak of interest fell within the retention-time window on the primary column, but the retention-time window on the secondary column was masked by interferences.
 - R Non-target compound analyzed for but not detected (must be used with a Boolean of ND). This Code is used only for those analytes (in GC/MS methods) which were not performance demonstrated or validated. To be used when specified in the contract/task order.
 - Non-target compound analyzed for and detected. This Code is used only for those analytes (in GC/MS methods) which were not performance demonstrated or validated. Also used to report tentatively identified compounds which are quantitated against an internal standard. To be used when specified in the contract/task order.
 - Non-target compound analyzed for but not detected (must be used with a Boolean of ND). This Code is used only for those analytes (in non-GC/MS methods) which were not performance demonstrated or validated.
 - U Analysis is unconfirmed. This Code is to be used when a confirmatory analysis was performed but does not verify the analytical results from the initial analysis.
 - V Sample was subjected to unusual storage/preservation condition. To be used when samples are received at the laboratory at greater than 4° C, or were not correctly preserved in the field.
 - W Single analyte required from a multi-analyte method. This Code is to be used when field samples are to be analyzed for a subset of the demonstrated/validated analytes.
- Analyte concentration is above the upper reporting level. This Flagging Code is to be used when analyte concentrations exceed the upper reporting level and the laboratory feels that additional dilutions are not warranted. This Code is also to be used when no sample or extract remains to make additional dilutions. It must also be used whenever a Boolean of GT is used.
- Y Tentatively identified compound (result of a GC/MS library search) with a match of less than 70%, but peak area is greater than 35% of the internal standard. To be used when specified in the contract/task order.

- Non-target compound analyzed for and detected. This Code is used only for those Z analytes (in non-GC/MS methods) which were not performance demonstrated or validated.
- Result less than the CRL but greater than the Criteria of Detection (COD). Can only 1 be used for methods which were performance demonstrated under the 1990 QA
- Ending calibration not within acceptable limits. This Code is to be used for an analyte 2 for which the ending calibration is still unacceptable after multiple attempts.
- 3 Internal standard(s) not within acceptable limits.
- Analyte quantitated on the secondary column, when this is not the normal practice.
- 7 No longer in use after introduction of Version 5.2 of PC IRDMIS.
- 8 Analyte recovery outside of certified range but within acceptable limits. This Flagging Code is to be used when analyte recoveries exceed the upper limit of the certified range by less than 15% and the laboratory feels a dilution is not warranted. No longer in use after introduction of Version 5.2 of PC IRDMIS (formerly Flagging Code X).
- Non-demonstrated/validated method performed for USAEC. This Code is to be used to identify Method 00 or NTAM data which was produced under contract to USAEC.

ACCEPTABLE ENTRIES:

- Analyte found in trip blank as well as in field samples. Α
- Analyte found in the method blank or QC blank as well as the sample. В C
- Analysis was confirmed.
- D Duplicate analysis.
- F Sample filtered prior to analysis.
- Analyte found in rinse blank as well as field sample. G I
- Interferences in sample make quantitation and/or identification to be suspect. J
- Reported results are affected by interferences or high background. K N
- Tentatively identified compound (match greater than 70%). P
- Results less than reporting level but greater than instrumental detection limit. Q
- Sample interference obscured peak of interest.
- Non-target compound analyzed for but not detected (GC/MS methods). R S
- Non-target compound analyzed for and detected (GC/MS methods). T
- Non-target compound analyzed for but not detected (non-GC/MS methods). U
- Analysis is unconfirmed.
- Sample subjected to unusual storage/preservation conditions.

80.8

Flagging Code

ACCEPTABLE ENTRIES: (CONT.)

- Single analyte required from a multi-analyte method. W
- Analyte concentration is above the upper reporting level. X
- Tentatively identified compound (match less than 70%). Y
- Non-target compound analyzed for and detected (non-GC/MS methods). Z
- Result less than CRL but greater than COD. 1
- Ending calibration not within acceptable limits. 2
- 3 Internal standard(s) not within acceptable limits.
- Analyte quantitated on the secondary column. 4
- Non-demonstrated/validated method performed for USAEC. 9

ELEMENT IS USED IN THE FOLLOWING IR RECORDS AND DATA BASE TABLES:

IRDMIS Re		IRDMIS Data I	lese
Record Type	Coksen(s) DB	Table(s)	DB Column
•	140 che	m/cqc	data and
	141	·	dets_qual
	142	•	
	143		
	144		
	145		
	146		
	147		
	flag	quals_desc	1_q_code

Any valid chemical or radiological record type

ELEMENT SIZE AND CHARACTERISTICS:

IRDMIS Record:

1 upper-case alphabetical character, full field (as many as 8 per record)

IRDMIS Data Base: chem/cqc:

as many as 8 Data Qualifiers per record

flag quals desc:

1 Data Qualifier per record

ELEMENT DESCRIPTION:

Code assigned only by the USAEC Chemist to indicate data acceptance or rejection based on other-than-usual analytical conditions or results.

ACCEPTABLE CRITERIA:

- ? Control chart either not received or not yet approved by USAEC. This Qualifier is automatically set when a lot file has been loaded but the corresponding control chart has not been approved.
- I The low-spike recovery is high. To be used for the single low spike in Class 1 methods and the duplicate low spikes in Class 1P.
- The low-spike recovery is low. To be used for the single low spike in Class 1 methods and the duplicate low spikes in Class 1P.
- K Missed holding times for extraction and preparation (Hold Time 1). This Qualifier is automatically set when the extraction/preparation holding time is exceeded. (Formerly Flagging Code K)
- L Missed holding time for sample analysis (Hold Time or Hold Time 2). This Qualifier is automatically set when the analytical holding time is exceeded. (Formerly Flagging Code L)
- M The high-spike recovery is high. To be used for the duplicate high spikes in Class 1 and 1P methods. Also to be used for the single spike in Class 1A and 1B methods and for the duplicate spikes in Class 1M methods.

- The high-spike recovery is low. To be used for the duplicate high spikes in Class 1 N and 1P methods. Also to be used for the single spike in Class 1A and 1B methods and for the duplicate spikes in Class 1M methods.
- 0 Low spike recoveries excessively different. To be used only for the duplicate low spikes in Class 1P methods.
- High spike recoveries excessively different. To be used for the duplicate high spikes in P Class 1 and 1P methods. Also to be used for the duplicate spikes in Class 1M methods.
- Surrogate(s) in field sample outside of acceptable limits as specified by EPA CLP. To Q be followed by number of surrogates failing criteria (1 - 9). To be used only for field samples. (Formerly Flagging Code Q)
- R Data is rejected and is not usable.

ACCEPTABLE ENTRIES:

- Control chart not yet approved by USAEC.
- Number of surrogates failing EPA CLP criteria (used with Data Qualifier Q) 1-9
- I The low-spike recovery is high.
- J The low-spike recovery is low.
- Missed holding time for extraction and preparation. K
- Missed holding time for sample analysis. L
- M The high-spike recovery is high.
- N The high-spike recovery is low.
- 0 Low spike recoveries excessively different.
- High spike recoveries excessively different. P
- Surrogate recovery outside of acceptable CLP limits (field samples only). Q
- R Data is rejected.

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			l

QC SAMPLE RESULTS FROM IRDMIS

Table: Appendix K

METHOD BLANKS (SOIL)

Value Unit	4 UGG	1.12 UGG	.5 UGG	1 066	2 UGG	.2 UGG		25.056	.2 UGG	990														990	990		
Valu	1	1.1	-•			''			• • •		628	613	780	433	07	40	40	40	1000	1000	1000	1000	10	(P)	ın	1060	1050
v		٠,	v	٧	٧	٧		v v		٧					v	v	v	v	v	v	v	٧	v	v	v		
	09-DEC-90	17-DEC-94	22-NOV-96	17-DEC-96	17-DEC-96	11-DEC-96	19-DEC-96	19-DEC-96	19-DEC-96	26-DEC-96	26-DEC-96	26-DEC-96	26-DEC-96														
Prep Date	25-NOV-96 09-DEC-96	PSDQ 16-DEC-96 17-DEC-96	GRAB 22-NOV-96 22-NOV-96	16-DEC-96 17-DEC-96	16-DEC-96 17-DEC-96	11-DEC-96 11-DEC-96	13-DEC-96	13-DEC-96	13-DEC-96	23-DEC-96	23-DEC-96	23-DEC-96	23-DEC-96	23-DEC-96	23-DEC-96	23-DEC-96	23-DEC-96			23-DEC-96	23-DEC-96	23-DEC-96					23-DEC-96
Lot	DRAB	SDO	RAB	SSDO	TSDO	HOSH	MSCK	WSCK						200	SC	SCV	SCV						-				SCV ?
Test Name	DRO	88	GRO	SE	1	£6		# 8		AG	AL.	AL	٩٢	A :	BA	BA	BA	BA	₹	CA	5	Ç	8	క	3	ш	H
IRDMIS Method Code	DRO	GPB1	GRO	GSE1	GTL1	HGC1	ICM1			ICP1																	
Contractor Method Description		ABB-ES	ABB-ES	ABB-ES	ABB-ES	ABB-ES	ABB-ES	ABB-ES	ABB-ES	ABB-ES	ABB-ES	ABB-ES	ABB-ES	ABB-ES	ABB-ES	ABB-ES	ABB-ES	ABB-ES	ABB-ES	ABB-ES	ABB-ES	ABB-ES	ABB-ES	ABB-ES	ABB-ES	ABB-ES	ABB-ES

METHOD BLANKS (SOIL)

Contractor Method Description	Method	Test		P.	Analysis			
	3	Monte	10	Date	Date	v	Value	Sit
ABB-ES	ICP1	ш	ומכי	23-DEC-04	24-DEF-04		4070	
AB8-ES			100	22.52	24-220-22		3	3
ABB-ES		۷.		22-22-22	200.00	,	2	99
ABB-ES		د 2	200	2	20-DEC-30	_	8	990
ABB-EC		٤ ≥	120	2-DEC-8	28-DEC-98	~	<u>6</u>	990
ADB-EC		∠ :	<u>S</u>	23-DEC-98	28-DEC-98	~	8	990
ADD-ES		₩:	<u>Ş</u>	23-050-98	26-DEC-96	~	000	991
ABB-50		9	SCV	23-DEC-98	28-DEC-98	~	9	990
ADD-FC		9	<u>S</u>	23-DEC-98	26-DEC-96	_	1000	990
ADD-EC		9	<u>S</u>	23-DEC-96	28-DEC-98	~	1000	990
ABB-EC		9	<u>2</u>	23-050-8	26-DEC-96	~	1000	99
ADB-E2		Ŧ	<u>3</u> 2	23-DEC-98	26-DEC-96		34.5	99
ADD-ES		₹:	<u>S</u>	23-DEC-96	26-DEC-96		25.7	166
ABB-ES		Ŧ	<u></u>	23-DEC-96	26-DEC-96		26	2
2004		Ŧ	<u>S</u>	23-DEC-96	26-DEC-96		22 2	2
23-894		¥	<u>ე</u>	23-DEC-96	26-DEC-96		5	2
ABB-ES		¥	SC	23-DEC-96	26-DEC-96		٤	3 2
ABB-ES		¥		23-DFC-94	X-PEC-8			3 5
ABB-ES		2		24-PEC-94	24-PEC-04		38	3 5
A88 -ES		-		27-75-75	20.020			3
ABB-ES		:>		200	20-DEC-30		-	25
ARR-FS			2	-0520	8-DEC-8		5	25
		N7	1SC	23-DEC-96	26-DEC-96 A		7	ngo
ABB-ES	CARO	12001	9000	2	70			
ABB-ES		356	2000	2	10-UEL-30			25
A88-ES		1700	2000	2	10-DEC-96			99
A88 -50		3000	Ses	8	16-DEC-96 <			99
ABB-ES		130CL	BSBS	8-8	16-DEC-96 <		.33	99
ARB-FC		245TCP	BSBS	8-8	16-DEC-96 <			3
ABB-56		245TCP	BSBS	8-8	16-DEC-96 <			8
ABB		246TCP	BSBS	8-8	16-DEC-96 <			55
760-E3		246TCP	BSBS	8-8	16-DEC-96 <			3 8
760-E3		24DCLP	BSBS	8-70	16-DEC-96 <			3 8
A66-E5		24DCLP	BSBS	8-70	14-DEC-04			3 8
ABB-ES		S4DHPN	BSBS	8	16-DEC-96			3 8
ABB-ES		24DHPN		8	14-DEC-96			3 8
A88-ES		24.DNP	RSRS		16-DEC-96		າ: ວ:	3
				2	י חבר-אה			3

Table: Appendix K

METHOD BLANKS (SOIL)

SMV2 24DNP BSBS 25-NOV-96 26DNT BSBS 25-NOV-96 26DNT BSBS 25-NOV-96 26DNT BSBS 25-NOV-96 26NAP BSBS 25-NOV-96 46DNZC BS	Contractor Method Description	IRDMIS Method	Test	ţ	Prep	Analysis	2	:
240NP BSBS 25-NOV-96 260NT BSBS 25-NOV-96 260NT BSBS 25-NOV-96 260NAP BSBS 25-NOV-96 260		2002	None	3 !	nare	Date	value i	5
BSBS 25-NOV-96 BSBS 2		SMV2	24DNP	BSBS	25-NOV-96	16-DEC-96	_	25%
BSBS 25-NOV-96 BSBS 2			26DNT	BSBS		16-DEC-96	_	2 2
BSBS 25-NOV-96 BSBS 2			260NT	BSBS	25-NOV-96	_	33.	990
8585 25-NOV-96			2CNAP	BSBS	25-NOV-96	•	_	990
8585 25-NOV-96 8585 25-NOV-96			2CNAP	BSBS	25-NOV-96	•		990
8585 25-NOV-96 8585 25-NOV-96			ZMNAP	BSBS		~	_	19ec
8585 25-NOV-96			ZMNAP	BSBS	23-	16-DEC-96	_	5
BSBS 25-NOV-96 BSBS 25-NOV-96			SAP SAP	BSBS	25-	16-DEC-96		9
8585 25-NOV-96 8585 25-NOV-96			2MP	BSBS	25-	16-DEC-96		991
8585 25-NOV-96 8585 25-NOV-96			SNANIL	BSBS	25-NOV-96	16-DEC-96		9
858 25-NOV-96 858 25-NOV-96			SNANIL	BSBS	25-NOV-96	16-DEC-96 ·	280	99
8585 25-NOV-96 8585 25-NOV-96			SNP	BSBS	25-NOV-96	16-DEC-96 ·		99
858 25-NOV-96			SNP	BSBS	25-NOV-96	16-DEC-96		9
858 25-NOV-96 858 25-NOV-96			330CBD	BSBS	25-NOV-96	-		99
8585 25-NOV-96 8585 25-NOV-96			33DCBD		25-NOV-96	•		55
858 25-NOV-96 858 25-NOV-96			3NANIL	BSBS	25-NOV-96	•	_	99
858 25-NOV-96 8585 25-NOV-96			3NANIL	BSBS	25-NOV-96	•		99
888 25-HOV-96 888 25-HOV-96			46DN2C	BSBS	25-NOV-96	16-DEC-96 •) L	25
888 25-NOV-96 888 25-NOV-96			46DN2C		25-NOV-96	16-DEC-96 •	10	99
888 25-100-96 888 25-100-96			4BRPPE		25-NOV-96	16-DEC-96 •		nge
888 25-NOV-96 888 25-NOV-96			4BRPPE		25-NOV-96	16-DEC-96 •		55
888 25-NOV-96 888 25-NOV-96			4CANIL		25-NOV-96	16-DEC-96 •		9
888 25-NOV-96 888 25-NOV-96 888 25-NOV-96 888 25-NOV-96 888 25-NOV-96 888 25-NOV-96 888 25-NOV-96 888 25-NOV-96 888 25-NOV-96 888 25-NOV-96			4CANIL		25-NOV-96	16-DEC-96 •		99
888 25-404-96 888 25-404-96 888 25-404-96 888 25-404-96 888 25-404-96 888 25-404-96 888 25-404-96 888 25-404-96			4CLPPE		25-NOV-96	16-DEC-96 <	.33 U	9
888 25-404-96 888 25-404-96 888 25-404-96 888 25-404-96 888 25-404-96 888 25-404-96 888 25-404-96 888 25-404-96			4CLPPE		25-NOV-96	16-DEC-96 <		9
888 25-100-96 888 25-100-96 888 25-100-96 888 25-100-96 888 25-100-96 888 25-100-96 888 25-100-96			dW4	BSBS	25-NOV-96	16-DEC-96 <		5
858 25-NOV-96 BSBS 25-NOV-96 BSBS 25-NOV-96 BSBS 25-NOV-96 BSBS 25-NOV-96 BSBS 25-NOV-96 BSBS 25-NOV-96			dW4	BSBS	25-NOV-96	16-DEC-96 <		99
BSBS 25-NOV-96 BSBS 25-NOV-96 BSBS 25-NOV-96 BSBS 25-NOV-96 BSBS 25-NOV-96 BSBS 25-NOV-96 BSBS 25-NOV-96			4NAN1L		25-NOV-96	16-DEC-96 <		590
BSBS 25-NOV-96 BSBS 25-NOV-96 BSBS 25-NOV-96 BSBS 25-NOV-96 BSBS 25-NOV-96			4NAN1L		25-NOV-96	16-DEC-96 <		ອ
BSBS 25-NOV-96 BSBS 25-NOV-96 BSBS 25-NOV-96 BSBS 25-NOV-96 BSBS 25-NOV-96			ANAPYL		25-NOV-96	16-DEC-96 <		99
BSBS 25-NOV-96 BSBS 25-NOV-96 BSBS 25-NOV-96 BSBS 25-NOV-96			ANAPYL		25-NOV-96	16-DEC-96 <		55
BSBS 25-NOV-96 BSBS 25-NOV-96 BSBS 25-NOV-96			ANTRC		25-NOV-96	16-DEC-96 <	_	20
BSBS 25-NOV-96 BSBS 25-NOV-96			ANTRC	-	25-NOV-96	16-DEC-96 <	.33 UK	990
BSBS 25-NOV-96 1			BSCEXM		25-NOV-96	16-DEC-96 <	_	ອ
			B2CEXM		25-NOV-96	16-DEC-96 <	_	266

METHOD BLANKS (SOIL)

## 1970 ## 1988 ## 1970 ## 16-DEC-96 ## 1970 #	במינו שבנים שביווסק מפצבו ומנומי	Code	Name	Lot	Date	Analysis Date	v	Value	퍞
8585 25-NOV-96 16-DEC-96 () 33 8585 25-NOV-96 16-DEC-96 () 3		SANZ	B2CIPE	888	25-NOV-96		: . •	F.	93
8585 25-NOV-96 16-DEC-96 (33)			B2CIPE	BSBS	25-NOV-25		v	E.	99
8585 25-NOV-96 16-DEC-96 (33)			BZCLEE	8888	25-NOV-55		v	.33	990
8585 25-NOV-96 16-DEC-96 (33)			BZCLEE	BSBS	25-104-52		v	.33	99
8585 25-NOV-96 16-DEC-96 (33) 8585 2			BZEHP	BSBS	25-101-52	16-DEC-96	v	33	nee
8585 25-NOV-96 16-DEC-96 (* 33) 8585 25-NOV-96 16-DEC-96 (* 33			B 2EHP	BSBS	25-HOV-96	16-DEC-96	v	E.	99
8585 25-NOV-96 16-DEC-96 (33)			BAANTR	BSBS	25-NOV-26	16-DEC-96	v	3	991
888 25-NOV-96 16-DEC-96 (33)			BAANTR	BSBS	25-NOV-96	16-DEC-96	•		2
888 25-NOV-96 16-DEC-96 (33)			BAPYR	BSBS	⋛	16-DEC-96	~	33	8
8585 25-NOV-96 16-DEC-96 (33) 8588 25-NOV-96 16-DEC-96 (33)			BAPYR		⋛	16-DEC-96	v	F	9
8585 25-NOV-96 16-DEC-96 (33)			BBFANT		⋛	16-DEC-96	•	F	3
8585 25-NOV-96 16-DEC-96 (33) 8585 25-NOV-96 16-DEC-96 (34) 8585 25-NOV-96 16-DEC-96 (35)			BBFANT		25-NON-25	•	v	1	S
8585 25-NOV-96 16-DEC-96 6 6 8 8 8 25-NOV-96 16-DEC-96 6 7 8 8 8 8 25-NOV-96 16-DEC-96 6 8 8 8 25-NOV-96 16-DEC-96 6 8 8 8 25-NOV-96 16-DEC-96 6 8 8 8 8 25-NOV-96 16-DEC-96 6 9 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8			88ZP		25-NON-26		v	12	990
8585 25-NOV-96 16-DEC-96 6.6888 25-NOV-96 16-DEC-96 6.5888 25-NOV-96 16-DEC-96 6.5888 25-NOV-96 16-DEC-96 6.3388 25-NOV-96 16-DEC-96 6.338 888 25-NOV-96			98ZP		25-NON-55		v	1	9
8585 25-NOV-96 16-DEC-96 6.55 8585 25-NOV-96 16-DEC-96 6.55 8585 25-NOV-96 16-DEC-96 6.53			BGHIPY		25-NON-55		v	4	2
8585 25-NOV-96 16-DEC-96 ()			BGHIPY		25-NON-25		v		98
BSBS 25-NOV-96 16-DEC-96 ()			BKFANT		25-1104-56		~		8
BSBS 25-NOV-96 16-DEC-96 < .33			BKFANT		25-NON-26	16-DEC-96	v		8
BSBS 25-NOV-96 16-DEC-96 (33)			CARBAZ		25-NON-25	16-DEC-96	•		9
BSBS 25-NOV-96 16-DEC-96 < .33 BSBS 25-NOV-96 16-DEC-96 < .34 BSBS 25-NOV-96 16-DEC-96 < .33			CARBAZ		25-NON-25	16-DEC-96	v		9
8585 25-NOV-96 16-DEC-96 (33)			CHRY		25-101-52	16-DEC-96	v		2
BSBS 25-NOV-96 16-DEC-96 (33)			CHRY		25-104-8	16-DEC-96	~		997
BSBS 25-NOV-96 16-DEC-96 < .33 BSBS 25-NOV-96 16-DEC-96 < .34			CL.682		25-104-56	16-DEC-96	v		9
8585 25-NOV-96 16-DEC-96 (33)			CL 682		25-NON-95	16-DEC-96	v		2
8585 25-NOV-96 16-DEC-96 (33)			C 6G		25-NON-25	16-DEC-96	v		8
BSBS 25-NOV-96 16-DEC-96 < 33 BSBS 25-NOV-96 16-DEC-96 < .33 BSBS 25-NOV-96 16-DEC-96 < .6 BSBS 25-NOV-96 16-DEC-96 < .33			CL6CP		25-NON-25	16-DEC-96	v		8
BSBS 25-NOV-96 16-DEC-96 <			CLEET		25-101-55	16-DEC-96	v		2
BSBS 25-NOV-96 16-DEC-96 6 6 BSBS 25-NOV-96 16-DEC-96 6			CLEET		25-1404-96	16-DEC-96			2
BSBS 25-NOV-96 16-DEC-96 6 BSBS 25-NOV-96 16-DEC-96			DBAHA		25-NOV-96	16-DEC-96			3
BSBS 25-NOV-96 16-DEC-96			DBAHA		25-104-95	16-DFC-94			2
BSBS 25-NOV-96 16-DEC-96 . 33 BSBS 25-NOV-96 16-DEC-96 . 33 BSBS 25-NOV-96 16-DEC-96 . 33 RSBS 25-NOV-96 16-DEC-96 . 33 RSBS 25-NOV-96 16-DEC-96 . 33			DBZFUR		25-MOV-95	16-DEC-96			2 5
BSBS 25-HOV-96 16-DEC-96 < .33 BSBS 25-HOV-96 16-DEC-96 < .33 RSBS 25-HOV-96 16-DEC-96 < .33			DBZFUR		X-101-8	16-DEC-96			3 5
BSBS 25-100V-96 16-DEC-96 < 33 RSBS 25-100V-96 16-DEC-96 < 33			DEP		×-5-5	14-PEC-94	, .		3 5
RSR X-MV-OK 14-DEC-OK			DEP		25-MOV-96	16-DFC-96			3 8
					X-10-0	14-ner-94	, ,		3 8

METHOD BLANKS (SOIL)

Unit	
Value	
•	
Analysis Date	4.00 C - 8 C - 9 C
Prep Date	23-107-8 23-
Lot	
Test Name	DMP DNBP DNBP DNOP DNOP FANT FANT FLRENE HCBD ICDPYR ISOPHR ISOPHR NAP NNBB NNBB NNBB NNC606 UNK614 UNK615 UNK623 UNK623 UNK623 UNK623 UNK623 UNK623
IRDMIS Method Code	SMV2
tractor Method Description	ស ស ស ស ស ស ស ស ស ស ស ស ស ស ស ស ស ស ស

Table: Appendix K METHOD BLANKS (SOIL)

Contractor Method Description	IRDMIS Method Code	Test	Lot	Prep Date	Analysis Date	•	Value	Ę
	SHV2	UNIK630	BSBS	25-NOV-96	16-DEC-96		-	990
A88-ES		UNK630	BSBS	25-1404-96			.07	990
A88-E5		UNK632	BSBS	25-1508			.07	990
A88-E5		UNK637	BSBS	25-150-58			o.	990
A66-E5		UNK637	BSBS	25-101-52			.7	99
ABB-ES	080	DRO	DRAC	25-MOV-96	26-MOV-04	•	5	2
ABB-ES		DRO	3	09-DEC-96	10-DEC-96	•	\$	털
A88 -FG	1905	9		20 000				
A88-ES	5	2 2		11-05-3	12-05-5	٠,	·	3 5
				2	2	,		3
ABB-ES	GRO	GRO	GRAC	21-NOV-96	21-NOV-98	•		3
ABB-ES		020	Se S	96-DEC-96	06-DEC-96	~	2	털
311	• 100	;						
22.00	- 20	3	3	10-DEC-96		v	10	ತ
63-894		SE	SADG	11-DEC-96	12-DEC-96	~		ತ
ABB-ES	611.1	=	TABE	10-ner-ok	11. NEC. 04	,		Š
A88-ES	;	! =	1	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2 2 2 2 2	, ·	2 9	3 5
		4	2		IC-DEC-30	v		3
ABB-ES	HGC1	£	KAS	00-DEC-06	10-DEC-0K			2
A88-ES		皇	FACE	96-DEC-96	10-DEC-96		. 7	3 3
20.00	5	AS	3	10-DEC-%	17-DEC-%	~	5	3
ABB-ES		AS	¥	11-DEC-98		•	5	5
A88-ES		*	W BL	10-DEC-96		•	-	2
VBB-ES		W	3	11-DFC-96			-	ē
ABB-ES		8	TAB!	10-DFC-9		, ,		3 5
ABB-ES		8	TABE	11-her-04		, ,	- •	į
A88-ES		3 5		10-PEC-04	17-DEC- 26	, ·		3 3
ABB-ES		: s	E E	11-060-98	17-DEC-96	, v		3 3
		;						
A66-E5	ICP2	¥G	ž	10-DEC-% 1	2-DEC-98	v	10 UGL	ತ
ABB-E3		V G	₹	11-DEC-96	2-DEC-98	v	101	덜

Table: Appendix K

METHOD BLANKS (WATER)

Contractor Wethod Description	IRDMIS Method	Test	3	Prep	Analysis			•
יייין מכנטן אפרווים הפטר (הרוטו	2000	NCHING.	רסו	Date	Date	v	Value	E I
ABB-ES	1022	A	TADK	10-DEC-06	12-her-ok	: .	200	
ABB-ES		AL	IAD	11-DEC-96	12-PEC-04	, ,	200	3 3
ABB-ES		BA	IADK	10-DEC-96	12-DEC-06	, ,	200	3 3
ABB-ES		BA	IADL	11-DEC-96	12-DEC-96	, ,	200	3 3
ABB-ES		8	IADK	10-DEC-96	12-DEC-96	· •	2002	<u> </u>
ABB-ES		CA	IADL	11-DEC-96	12-DEC-96		2000	4 2
ABB-ES		8	IADK	10-DEC-96	12-DEC-96		25	2
ABB-ES		8	ă	11-DEC-96	12-DEC-96	· •		į <u>.</u>
ABB-ES		క	1ADK	10-DEC-96	12-DEC-96	_	9	
ABB-ES	•	క	1ADL	11-DEC-96	12-DEC-96	~		달
ABB-ES		3	18 8	10-DEC-96	12-DEC-96	~		5
ABB-ES		2	IADL	11-DEC-96	12-DEC-96	v		를
ABB-ES		Ħ	ZŠ	10-DEC-96	12-DEC-96	~		2
ABB-ES		肥	IAD	11-DEC-96	12-DEC-96	~		2
ABB-ES		¥	IADK	10-DEC-96	12-DEC-96	~		2
ABB-ES		¥	IADL	11-DEC-96	12-DEC-96	~		2
ABB-ES		£	IADK	10-DEC-96	12-DEC-96	~	2000	귤
ABB-ES		ÄĞ	IADL	11-DEC-96	12-DEC-96	~		15
ABB-ES		¥	ZÖK	10-DEC-96	12-DEC-96	~		2
ABB-ES		Z	IADL	11-DEC-96	12-DEC-96	~		2
ABB-ES		NA NA	1ADK	10-DEC-96	12-DEC-96	•		2
ABB-ES		Y.	IADL	11-DEC-96	12-DFC-96			į <u>.</u>
4BB-ES		- X	IADK	10-DEC-96	12-DEC-96		200	į <u>.</u>
ABB-ES		Z	-	11-DEC-96	12-DEC-96			į <u>.</u>
4BB-ES		>	•	10-DEC-06	12-DEC-96			3 2
48B-ES		>	-	11-DEC-96	12-DEC-96			1 2
18B-ES		ZN		10-DFC-06	12-her-06			2 2
188-ES		N	•	11-DEC-06	12-PEC-04	, ,		2 2
		1		1 - DEC - 70	15-UEL-70	,		j L
18B-ES	SMV1	120CLB	BAEA 2	21-NOV-96	- 96-VON-75	v		2
88-ES		12DCLB		21-NOV-96	27-NOV-96			d 5
RB-ES		120CLB		09-DEC-96	18-DEC-96			; ;
BB-ES		12DCLB	BAEB (09-DEC-96 1	18-DEC-96 •	v		占
(BB-ES		130CLB	BAEA	21-NOV-96	27-NOV-96	v	10 0	le l
188-ES		13DCLB	BAEA		27-NOV-96 •	v		5

METHOD BLANKS (WATER)

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IRDMIS

Contractor Method Description	Method	Test	Lot	Prep Date	Analysis Date	•	Value	<u>s</u>	
ABB-ES	SHV1	130CLB	RAFR	NO-DEC-OK	18-ner-ox		5	Š	
ABB-ES		130CLB		8-55-8	18-PEC-96	, ,	2 5	3 5	
ABB-ES		245TCP		21-104-95	27-M-72	′ •	5 K	d =	
A8 8-ES		245TCP		21-NOV-96	27-MUV-94	, ,	3 K	3 3	
ABB-ES		245TCP	BAEB	09-DEC-96	18-DEC-96	, ,	3 K	3 2	
ABB-ES		245TCP	BAEB	99-DEC-98	18-DEC-96		3 K	<u> </u>	
ABB-ES		246TCP	BAEA	21-NOV-96	27-MOV-96		3	<u> </u>	
ABB-ES		246TCP	BAEA	21-NOV-96	27-NOV-96		2 9	<u> </u>	
ABB-ES		246TCP	BAEB	99-DEC-96	18-DEC-96		2	3 2	
ABB-ES		246TCP	BAEB	99-DEC-96	18-DEC-96		2	į	
A66-E5		24DCLP	BAEA	21-NOV-96	27-NOV-96	•	2	j	
ABB-ES		24DCLP	BAEA	21-NOV-96	27-NOV-96	~	2	9	
766 -ES		24DCLP	BAEB	09-DEC-96	18-DEC-96	~	2	9	
ABB-ES		24DCLP	BAEB	99-DEC-96	18-DEC-96	•	9	100	
ABB-ES		S4DMPN	BAEA	21-NOV-96	27-NOV-96	~	9	1 3	
ABB-ES		24DMPN		21-NOV-96	27-NOV-96	•	2	3	
ABB-ES		24DMPN		99-DEC-96	18-DEC-96	~	2	9	
A68-ES		S4DMPN	BAEB	96-DEC-96	18-DEC-96	•	2	5	
A66-ES		24DNP	BAEA	21-NOV-96	27-NOV-96		K	널	
788-E2		24DNP	BAEA	21-NOV-96	27-MON-96	~	X	9	
ABB-ES		24DNP	BAEB	96-DEC-96	18-DEC-96		X	1 2	
ABB-ES		24DNP	BAEB	96-DEC-96	18-DEC-96		X	3	
ABB-ES		26DNT	BAEA	21-NOV-96	27-NOV-96		2	19	
768-ES		26DNT	BAEA	21-NOV-96	27-NOV-96		2	3	
ABB-ES		260NT	BAEB	96-DEC-96	18-DEC-96	v	9	9	
A68-E5		26DNT	BAEB	99-DEC-96	18-DEC-96		9	2	
ABB-ES		2CIMP	BAEA	21-NOV-96	27-NOV-96		9	3	
ABB-ES		SCIMP	BAEA	21-NOV-96	27-NOV-96	J	1	3	
ABB-ES		2CNAP		39-DEC-96	18-DEC-96		Ç		
ABB-ES		2CNAP		39-DEC-96	18-DEC-96		2 =	4 2	
V88-ES		ZHIAP		21-10V-9	27-MOV-04	, .	2 5	3 5	
ABB-ES		SMAP		- NOV-04	27-MOV-04	, .	2 5	3 5	
ABB-ES		ZHINAP		9-PEC-0	18-DEC-06		2 \$	3 5	
ABB-ES		ZMIAP		30-PEC-94	18-DEC-04		2 5	3 3	
ABB-ES		36	RAFA	8	27-MOV-94		2 5	3 3	
				?			2	3	

METHOD BLANKS (WATER)

Contractor Method Description	IRDMIS Method Code	Test	Fot	Prep Date	Analysis Date	•	Value	į
						:		
ABB-ES	SMV1	ZMP	BAEA	21-NOV-96	27-NOV-96	v	10	191
ABB-ES		2MP	BAFB	09-DEC-96	18-DEC-96	· •		2
ABB-ES		2MP	BAEB	09-DEC-96	18-DEC-96	· •		15
ABB-ES		2NAN1L	BAEA	21-NOV-96	27-NOV-96	·	2	15
ABB-ES		2NANIL	BAEA	21-NOV-96	27-NOV-96	~		le l
ABB-ES		SNANIL	BAEB	09-DEC-96	18-DEC-96	~		널
ABB-ES		SNANIL	BAEB	09-DEC-96	18-DEC-96	v		125
ABB-ES		ZNP	BAEA	21-NOV-96	27-NOV-96	v		널
ABB-ES		SNP	BAEA	21-NOV-96	27-NOV-96	~		널
ABB-ES		2NP	BAEB	09-DEC-96	18-DEC-96	~	2	걸
ABB-ES		SNP	BAEB	09-DEC-96	18-DEC-96	~	2	ᇋ
ABB-ES		330CBD	BAEA	21-NOV-96	27-NOV-96	~	은	ᇋ
ABB-ES		330CB0	BAEA	21-NOV-96	27-NOV-96	~		덩
ABB-ES		330CBD	BAEB	09-DEC-96	18-DEC-96	~	9	750
ABB-ES		330CBD	BAEB	09-DEC-96	18-DEC-96	v	은	ᇋ
ABB-ES		SNANIL	BAEA	21-NOV-96	27-NOV-96	~	53	렄
ABB-ES		3NANIL	BAEA	21-NOV-96	27-NOV-96	v	23	널
ABB-ES		SNANIL	8AE8	09-DEC-96	18-DEC-96	•		5
ABB-ES		3NANIL	BAEB	09-DEC-96	18-DEC-96	~	23	5
ABB-ES		46DN2C	BAEA	21-NOV-96	27-NOV-96	v		덩
ABB-ES		46DN2C	BAEA	21-NOV-96	27-NOV-96	v		덕
ABB-ES		46DN2C	BAEB	96-DEC-60	18-DEC-96	~		귤
ABB-ES		46DN2C	BAEB	09-DEC-96	18-DEC-96	~	53	덩
A88-ES		4BRPPE		21-NOV-96	27-NOV-96	~	9	둳
ABB-ES		4BRPPE	BAEA	21-NOV-96	27-NOV-96	~		둉
ABB-ES		4BRPPE	BAEB	09-DEC-96	18-DEC-96	~	9	귤
ABB-ES		4BRPPE	BAEB	09-DEC-96	18-DEC-96	~	9	궠
ABB-ES		4CAN1L	BAEA	21-NOV-96	27-NOV-96	~	9	면
ABB-ES		4CANIL	BAEA	21-NOV-96	27-NOV-96	~		5
ABB-ES		4CANIL	BAEB	09-DEC-96	18-DEC-96	~		15
ABB-ES		4CANIL	BAEB	09-DEC-96	18-DEC-96	~		걸
ABB-ES		4CLPPE	BAEA	21-NOV-96	27-NOV-96	~		덛
ABB-ES		4CLPPE	BAEA	21-NOV-96	27-NOV-96	~	9	널
ABB-ES		4CLPPE	BAEB	09-DEC-96	18-DEC-96	•	9	ם
ABB-ES		4CLPPE	BAEB	09-DEC-96	18-DEC-96	~	9	뎍

HETHOD BLANKS (MATER)

ntractor Method Description	IRDMIS Method Code	Test	ro To	Prep Date	Analysis Date	•	Value	s it
B-ES	SHV1	3	BEE	21-HOV-96	27-NOV-94		9	20
1 L		3	B EA	21-NOV-96	27-NOV-96	· •	2	9
20.0		\$	MEB	99-DEC-96	18-DEC-94	×	2	3
		\$	BY:	99-DEC-98	18-DEC-9	v	2	100
		4MMIL	Z	21-1104-98	27-NON-92	×	X	4
		FIRMI L	Z	21-HOV-96	27-NON-92	٧	K	2
			Z	8-29-60	18-DEC-96	v	K	2
		4MMIL	Z	8-0EC-8	18-DEC-96	٧	X	7
		AWAPYL	KE	21-1104-96	27-WDY-92	٧	2	4
יים		AMAPYL	KEY	21-104-96	27-WDV-96	v	2	4
		AMAPYL	Z	8-09-60	18-DEC-96	v	9	
ام		AKAPYL	Y	96-DEC-96	18-DEC-96	*	2	2
200		ANTRC	¥	21-104-8	27-NON-98	٧	2	2
		ANTRC	Z	21-NOV-96	27-WOV-98	v	9	2
ייב ו		ANTRC	¥	96-DEC-96	18-DEC-96	•	2	2
		ANTRC	Z	96-DEC-96	18-DEC-96	٧	2	12
		BZCEXON	SEA	21-104-96	27-NOV-96	~	2	2
		BZCEDON	MEA	21-NOV-96	27-NOV-96	v	5	2
10 (a) (a) (b) (a) (b) (a) (b) (b) (a) (b) (b) (b) (b) (b) (b) (b) (b) (b) (b		BECEDON	Z	96-DEC-96	18-DEC-96	~	2	2
		B2CEDON	KE	96-030-60	18-DEC-96	~	2	2
		B2CIPE	Z	21-HOV-96	27-HDV-96	٧	9	2
200		B2CI PE	PREA	21-MOV-96	27-NON-95	•	9	
2		ESCIPE PSCIPE	¥	20-DEC-98	18-DEC-96	•	9	2
			¥	96-DEC-96	18-DEC-96	•	9	Z.
		Race	KE	21-NOV-96	27-NON-75	•	10	2
		BZCLEE	REA	21-NOV-96	27-101-96	•	2	2
-		Sale	Res	96-DEC-96	18-DEC-96	•	2	Z
-		BZCLEE	BAEB	99-DEC-96	18-DEC-96	•	2	le
		BZEN	MEA	21-NOV-96	27-MOV-96		×	i a
		BZEIP	BAEA	21-HOV-96	27-MOV-96		; ¥	ł a
÷ES		BZEHP	K	96-DEC-96	18-DEC-96	٠,٧	3 %	1 2
-ES		BZEFP	BAEB	09-DEC-96	18-DEC-8	· •	35	d 2
-68		BAMTR	KE	21-MOV-96	27-MOV-96	· •	35	d 7
		BANTR	BAEA	21-MOV-96	27-MOV-96		2	į
-ES		BAMTR	BAEB	9-DEC-96	18-DEC-96	•	200	d e
							:	}

Table: Appendix K

METHOD BLANKS (WATER)

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Unit	:	털	190	5	3 2	3 5	3 3	3 3	5	3	3	3	3	3	걸	펄	JS Ner	ig.	20	191	1 2	3 2	2	35	190	25	5	1 2		<u> </u>	2	를 <u>로</u>	3 2	2	3 5	2 2	4 5
Value		9	9	10		25	2 5	29	29	2\$	2;	2 5	2;	2	9	9	2	9	10	9	2	2	2	10	9	9	101	10	9	2	2	2	-		2		
v	ì	v	v	v	٧	٠,	٠,	,	v 1	v 1	,	v 1	,	v	v	v	v	v	v	v	~	v	v	v	v	v	v	v	v	v	v		v		v	v	
Analysis Date			27-NOV-96	27-NOV-96	18-DEC-96	18-DEC-06	27-WOV-06	27-NOV-90	10 PTC 00	19-050-90	37 HOL 20	27-NOV-96	10 PEO 20	10-DEC-90	18-DEC-96	27-NOV-96	27-NOV-96	18-DEC-96	18-DEC-96	27-NOV-96	27-NDV-96	18-DEC-96	18-DEC-96	27-NOV-96	27-NOV-96												
Prep Date	• •		-	21-NOV-96	_	_	21-MOV-04	21-10/-04	00-PEC-06	09-DEC-96	34-MOV-04	21-MOV-96	00 555	09-DEC-90	09-DEC-90	21-NOV-96	21-NOV-96	09-DEC-96	09-DEC-96	21-NOV-96	21-NOV-96	09-DEC-96	09-DEC-96	21-NOV-96	21-NOV-96	96-DEC-96	09-DEC-96	21-NOV-96	21-NOV-96	09-DEC-96	09-DEC-96	21-NOV-96	21-NOV-96	09-DEC-96	09-DEC-96	21-NOV-96	21-NOV-96
Lot		SAEB	BAEA	BAEA	BAEB	BAFR	RAFA	DACA		AFO	200	BAEA	2 4	ָ ֓֞֝֓֞֝֓֓֓֓֓֓֓֓֓֓֓֡֓֡֓֓֓֓֡֓֡֓֓֡֓֡֓֓֓֡֓֡֓֡֓֡	Are s	AEA	BAEA	BAEB	BAEB	BAEA	BAEA	BAEB	AEB	BAEA	AEA	de B	EB	BAEA	BAEA		BAEB	BAEA	EA	BAEB	BAEB	BAEA	BAEA
Test		BAANIK	BAPYR	BAPYR	BAPYR	BAPYR	BRFANT	RREANT	REFANT	BREANT	0200	RRZD	0200	200	7700	BUNIP	BGHIPY	BGHIPY	BGHIPY	BKFANT	BKFANT	BKFANT	BKFANT	CARBAZ	CARBAZ	CARBAZ	CARBAZ	CHRY						Z8970		CL6CP	
IRDMIS Method Code	- Charle	NHC																																			
Contractor Method Description																																					
Contractor	ABB-EC	ADD-EC	2004	ABB-ES	ABB-ES	ABB-ES	ABB-ES	ABB-ES	ABB-ES	ABB-ES	ABB-ES	ABB-ES	ABB-ES	ABB-ES	ARR-FS	App. Ec	2004	ABB-ES	ABB-ES	ABB-ES	ABB-ES	ABB-ES	ABB-ES														

METHOD BLANKS (WATER)

SAV1 CLGCP BAEB 09-DEC-96 18-DEC-96 (10 CLGCT BAEB 37-NOV-96 27-NOV-96 (10 CLGCT BAEB 37-NOV-96 (10 CLGCT BAEB 37-NOV-96 27-NOV-96 (10 CLGCT BAEB 37-NOV-96 (10 CLGCT BAEB 37-NO	tractor Method Description	IRDMIS Nethod Code	Test Name	Lot	Prep Date	Analysis Date	v	Value	e i	
CLÓGY BAREN 67-96. 18-DEC-96. 18-DEC-96. CLÓGY CLÓGY BAREN 67-HOV-96. 27-HOV-96. 77-HOV-96. 77-HOV-	ω (SHV1	CL6CP	BAEB	09-DEC-96	18-DEC-96		10	200	
CLGET BAEA 21-NOV-96 27-NOV-96 < 10-CLGET BAEA 21-NOV-96 27-NOV-96 < 11-CLGET BAEA 21-NOV-96 27-NOV-96 < 11-CLGET BAEA 00-DEC-96 18-DEC-96 < 11-CLGET BAEA 00-DEC-96 18-DEC-96 < 11-CLGET BAEA 10-NO-96 27-NOV-96 27-NOV	2 4		C 60	REB	8-29-60	18-DEC-96 ·		2	털	
CLGET BARKA 21-100V-96 27-100V-96 < 10-00-00-00-00-00-00-00-00-00-00-00-00-0	מ נו		CLGET	BAEA	21-NOV-96	27-MON-96		2	5	
CLÓRET BARB 09-DEC-96 18-DEC-96 1 DBANA BARB 09-DEC-96 19-DEC-96 2 T-NOV-96 Z7-NOV-96	, ii		CL 6ET	BAEA	8-70	27-NON-96		2	2	
CLÉÉT MAES 09-DEC-96 18-DEC-96 < 10 DBANA MAES 21-1007-96 Z7-1007-96 < 11 DBANA MAES 09-DEC-96 18-DEC-96 < 11 DBANA MAES 09-DEC-96 18-DEC-96 < 11 DBZFUR MAES 21-1007-96 Z7-1007-96 < 110 DBP MAEA Z1-1007-96 Z7-1007-96 < 110 DBBP MAEA Z1-1007-96 Z7-1007-96 < 110 FANT MAEA Z1-1007-96 Z7-10	2		CLEET	REB	EC-9	18-DEC-96		2	3	
DBANA BARA 21-BOY-96 27-BOY-96 4 10 DBANA BARB 09-DEC-96 18-DEC-96	, in		CL6ET	BAEB	EC-98	18-DEC-96 ·	.,	9	9	
DBAMA BAEA 21-HOV-96 27-HOV-96 < 10 DBAMA BAEB 09-DEC-96 18-DEC-96 < 10 DBZFUR BAEB 09-DEC-96 18-DEC-96 < 10 DEP BAEB 09-DEC-96 18-DEC-96 < 10 DEP BAEB 09-DEC-96 18-DEC-96 < 10 DBP BAEB 09-DEC-96 18-DEC-96 < 10 DBBP BAEA 21-HOV-96 27-HOV-96 < 10 DBBP BAEB 09-DEC-96 18-DEC-96 < 10 DBBPP BAEB 09-DEC-96 18-DEC-96 < 10 DBBPPP BAEB 09-DEC-96 18-DEC-96 < 10 DBBPPP BAEB 09-DEC-96 18-DEC-96 < 10 DBBPPPP BAEB 09-DEC-96 18-DEC-96 < 10 DBBPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPP	2		DBANA	ž	8-8	27-NOV-96		5	2	
DBAMA BAEB 09-DEC-96 18-DEC-96 < 10 DB2FUR BAEA 21-MOV-96 27-MOV-96 < 10 DB2FUR BAEA 21-MOV-96 27-MOV-96 < 10 DB2FUR BAEB 09-DEC-96 18-DEC-96 < 10 DB2FUR BAEB 09-DEC-96 18-DEC-96 < 10 DEP BAEA 21-MOV-96 27-MOV-96 < 10 DEP BAEA 21-MOV-96 27-MOV-96 < 10 DEP BAEB 09-DEC-96 18-DEC-96 < 10 DBP BAEB 21-MOV-96 27-MOV-96 < 10 DBP BAEB 09-DEC-96 18-DEC-96 < 10 DBP BAEB 21-MOV-96 27-MOV-96 < 10 DBBP BAEB 21-MOV-96 27-MOV-96 < 10 FANT BAEB 09-DEC-96 18-DEC-96 < 10 FANT BAEB 21-MOV-96 27-MOV-96 < 10 FANT BAEB 21-MOV-96 27-MOV-96 < 10	A (DBANA	Z	21-104-98	27-NOV-96		10	4	
DRZFUR BAES 09-DEC-96 18-DEC-96 (10-DEC-96 (10-DEC-9	2		DBAHA	KE	96-DEC-96	18-DEC-96	••	9	2	
DB2FUR BAEA 21-NOV-96 27-NOV-96 < 10 DB2FUR BAEA 21-NOV-96 27-NOV-96 < 10 DB2FUR BAEB 09-DEC-96 10 DB2FUR BAEB 09-DEC-96 10 DEP BAEA 21-NOV-96 27-NOV-96 < 10 DEP BAEA 21-NOV-96 27-NOV-96 < 10 DEP BAEA 21-NOV-96 27-NOV-96 < 10 DBP BAEB 09-DEC-96 18-DEC-96 < 10 DBP BAEB 09-DEC-96 18-DEC-96 < 10 DBBP BAEB 09-DEC-96 18-DEC-96 < 10 DBBPP BAEB 09-DEC-96 18-D	2		DEAM	KE	8-09-60 8-08-08-80	18-DEC-96	•	10	2	
DB2FUR BAEA 21-NOV-96 27-NOV-96 < 10 DB2FUR BAEB 09-DEC-96 18-DEC-96 < 10 DEP BAEA 21-NOV-96 27-NOV-96 < 10 DEP BAEA 21-NOV-96 27-NOV-96 < 10 DEP BAEB 09-DEC-96 18-DEC-96 < 10 DBP BAEB 09-DEC-96 18-DEC-96 < 10 DBBP BAEB 09-DEC-96 18-DEC-96 < 10 DBBP BAEA 21-NOV-96 27-NOV-96 < 10 DBBPP BAEA 21-NOV-96 27-NOV-96 < 10 DBBPPP BAEA 21-NOV-96 27-NOV-96 < 10 DBBPPP BAEA 21-NOV-96 27-NOV-96 < 10 DBBPPPP BAEB 09-DEC-96 18-DEC-96 (10 DBBPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPP) W		DBZFUR	MEA	8-8	27-NOV-96		9	2	
DB2FUR BAEB 09-DEC-96 18-DEC-96 < 10 DEP BAEA 21-NOV-96 Z7-NOV-96 < 10 DEP BAEB 09-DEC-96 18-DEC-96 < 10 DEP BAEB 09-DEC-96 18-DEC-96 < 10 DBP BAEB 09-DEC-96 18-DEC-96 < 10 DBP BAEB 21-NOV-96 Z7-NOV-96 < 10 DBP BAEB 09-DEC-96 18-DEC-96 < 10 DBBP BAEA 21-NOV-96 Z7-NOV-96 < 10 FANT BAEA 21-NOV-96 Z7-NOV-96 < 10 FANT BAEB 09-DEC-96 18-DEC-96 < 10) W		DBZFUR	MEA	8-30	27-NON-95		=	2	
DRZFUR BAEB 09-DEC-96 19-DEC-96 10-DEC-96 10-DEC-96 110 DEP BAEA 21-NOV-96 27-NOV-96 < 110 DEP BAEB 09-DEC-96 10-DEC-96 10-DEC-96 110 DEP BAEB 09-DEC-96 10-DEC-96 110 DNP BAEB 09-DEC-96 11			DEZFUR	MEB	EC-98	18-DEC-96		9	2	
DEP BAEA 21-NOV-96 Z7-NOV-96 () 10 DEP BAEB 09-DEC-96 () 10 DEEP BAEB 09-DEC-96 () 10 DEC-96 () 10 DEC-			DEZFUR	BAEB	SC-9	18-DEC-96		2 5	1	
DEP BAES 11-1004-96 27-1004-96 (10-10-10-10-10-10-10-10-10-10-10-10-10-1	ES		65	MEA	21-MOV-94	77-IF-0-0K			į s	
DEP BAEB 09-DEC-96 18-DEC-96 (10 DEP BAEB 09-DEC-96 18-DEC-96 (11 DEP BAEB 09-DEC-96 18-DEC-96 (11 DEC-96 (11	ES		96	A SA	21-MOV-04	27-W-04		2 9	ž i	
DEP BAER 09-DEC-96 10-00-05 1	ES			AFP	10-PEC-04	18-PEC-04		29	4 3	
DNP BACE 21 NOV-96 (100 PD	S				200	10-DEC-30		2	5	
DNP BAGA 21-NOV-96 < 10 DNP BAGA 21-NOV-96 < 10 DNP BAGB 09-DEC-96 18-DEC-96 (- DEC- 19	18-DEC-96			절	
DNP BAEA 21-NDV-96 27-NDV-96 < 10 DNP BAEB 09-DEC-96 18-DEC-96 < 10 DNBP BAEA 21-NDV-96 27-NDV-96 < 10 DNBP BAEA 21-NDV-96 27-NDV-96 < 10 DNBP BAEA 21-NDV-96 27-NDV-96 < 10 DNBP BAEB 09-DEC-96 18-DEC-96 < 10 DNDP BAEB 09-DEC-96 18-DEC-96 < 10 EANT BAEA 21-NDV-96 27-NDV-96 < 10 EANT BAEB 09-DEC-96 18-DEC-96 < 10 EANT BAEN BAE-90-DEC-96 18-DEC-96 < 10 EANT BAE-90-DEC-96			È	¥	21-104-8	27-101-96 A			덛	
DNP BAEB 09-DEC-96 18-DEC-96 < 10 DNP BAEB 09-DEC-96 18-DEC-96 < 10 DNBP BAEB 09-DEC-96 18-DEC-96 < 10 DNBP BAEB 11-NOV-96 27-NOV-96 < 10 DNBP BAEB 09-DEC-96 18-DEC-96 < 10 DNBP BAEB 09-DEC-96 18-DEC-96 < 10 DNCP BAEB 09-DEC-96 18-DEC-96 < 10 FANT BAEB 09-DEC-96 18-DEC-96 < 10 DRCP BAEP DATE-96 DEC-96 ST-NOV-96 < 10 DRCP BAEP DATE-96	2 5		1	RE	21-104-98	27-110V-96 A		5	ם	
DNBP BAEB 09-DEC-96 18-DEC-96 (10 DNBP BAEA 21-NOV-96 27-NOV-96 (10 DNBP BAEA 21-NOV-96 27-NOV-96 (10 DNBP BAEB 09-DEC-96 27-NOV-96 (10 DNBP BAEB 09-DEC-96 18-DEC-96 (10 DNDP BAEA 21-NOV-96 27-NOV-96 (10 FANT BAEA 21-NOV-96 27-NOV-96 (10 FANT BAEA 21-NOV-96 27-NOV-96 (10 FANT BAEB 09-DEC-96 19-DEC-96 (10 FANT BAEB 09-DEC-96 (10 DEC-96 (10	0 0		2	K	90-DEC-96	18-DEC-96 <			2	
DMBP BAEA 21-NOV-96 27-NOV-96 < 10 DMBP BAEA 21-NOV-96 27-NOV-96 < 10 DMBP BAEB 09-DEC-96 18-DEC-96 < 10 DMSP BAEB 09-DEC-96 18-DEC-96 < 10 DMSP BAEA 21-NOV-96 27-NOV-96 < 10 DMSP BAEA 21-NOV-96 27-NOV-96 < 10 DMSP BAEB 09-DEC-96 18-DEC-96 < 10 FANT BAEB 09-DEC-96 18-DEC-96 < 10	2		2	SAEB SAEB	96-DEC-96	18-DEC-96 <			2	
DMSP BAEA 21-NOV-96 27-NOV-96 (10) DMSP BAEB 09-DEC-96 (18-DEC-96 (10) DMSP BAEA 21-NOV-96 27-NOV-96 (10) DMSP BAEA 21-NOV-96 27-NOV-96 (10) DMSP BAEA 21-NOV-96 27-NOV-96 (10) DMSP BAEB 09-DEC-96 18-DEC-96 (10) FANT BAEB 09-DEC-96 (10) FANT BAEB				BAEA	21-104-96	27-NOV-96 <			2	
DNRP BAEB 09-DEC-96 18-DEC-96 (10) DNCP BAEA 21-100V-96 27-100V-96 (10) DNCP BAEA 21-100V-96 27-100V-96 (10) DNCP BAEB 09-DEC-96 18-DEC-96 (10) DNCP BAEB 09-DEC-96 18-DEC-96 (10) FANT BAEB 09-DEC-96 18-DEC-96 (10)				MEA	21-104-96	27-NOV-96 <			2	
DMSP BAEB 09-DEC-96 18-DEC-96 (10-DEC-96 (10	22			BAEB	99-DEC-96	18-DEC-96 <			i e	
DNOP BAEA 21-NOV-96 27-NOV-96 (10) DNOP BAEA 21-NOV-96 27-NOV-96 (10) DNOP BAEB 09-DEC-96 18-DEC-96 (10) FANT BAEA 21-NOV-96 27-NOV-96 (10) FANT BAEB 09-DEC-96 18-DEC-96 (10) FANT BAEB 09-DEC-96 18-DEC-96 (10) FANT BAEB 09-DEC-96 (10) FANT BAEB 0				EAEB	90-DEC-96	18-DEC-96			d e	
DNOP BAEA 21-NOV-96 27-NOV-96 10 DNOP BAEB 09-DEC-96 18-DEC-96 11 FANT BAEA 21-NOV-96 27-NOV-96 11 FANT BAEA 21-NOV-96 27-NOV-96 11 FANT BAEB 09-DEC-96 18-DEC-96 11 FURENE BAEA 21-NOV-96 11			80	MEA	21-104-96	77-MOV-96			j z	
DNOP BAEB 09-DEC-96 18-DEC-96 10-DEC-96 10-DEC	ES		DHO		21-NOV-04	77-MUN-05			4 2	
DNOP BARE 09-DEC-96 18-DEC-96 (10 FANT BARE 21-NOV-96 27-NOV-96 (10 FANT BARE 21-NOV-96 27-NOV-96 (10 FANT BARE 09-DEC-96 18-DEC-96 (11 FANT BARE 09-DEC-96 (11 FANT BARE 09-D	ES		2		AF. P.	18-55-04			3 3	
FANT BACA 21-100-96 27-100-96 7 10 FANT BACA 21-100-96 27-100-96 7 10 FANT BACA 21-100-96 27-100-96 7 10 FANT BACE 09-DEC-96 18-DEC-96 7 10 FANT BACE 09-DEC-96 18-DEC-96 7 10 FANT BACE 09-DEC-96 18-DEC-96 7 10 FURENC BACA 21-100-96 27-100-96 7 10	8				2 2	× 22-01-01		2	3	
FANT BAER 21-1007-56 27-1007-56 < 10 FANT BAER 21-1007-96 < 10 FANT BAER 90-DEC-96 18-DEC-96 < 10 FANT BAER 09-DEC-96 18-DEC-96 < 10 FURENE BAER 21-1007-96 < 10			EANT.		2	10-DEC-20		⊃ 2:	ತ	
FAMT BACE 09-DEC-96 < 10 FURENE BACE 21-100V-96 < 10 FURENE BACE 09-DEC-96 < 10 FURENE BACE 21-100V-96 27-100V-96 < 10				-	8	× 98-72		2	ਭ	
FANT BAEB 09-DEC-96 18-DEC-96 < 10 FANT BAEB 09-DEC-96 18-DEC-96 < 10 FLRENE BAEA 21-NOV-96 27-NOV-96 < 10			FAIT	-	8-2	27-MOV-96 ×		5	명	
FANT BAEB 09-DEC-96 18-DEC-96 < 10 FLRENE BAEA 21-NOV-96 27-NOV-96 < 10	2 6		FANT	_	86-38	18-DEC-96 <		5	명	
FLKENE BAEA 21-NOV-96 27-NOV-96 < 10	2		FAIT	_	86-38	18-DEC-96 <		100		
			FLEER	-	8-70	27-MON-96 A		100	1 2	

Table: Appendix K METHOD BLANKS (WATER)

Contractor Method Description	IRDMIS Method Code	Test Name	Ę	Prep Date	Analysis Date	v	Value U	Fi
ABB-ES	SMV1	FLRENE	BAEA	21-NOV-96	27-NOV-96		10,	i
ABB-ES		FLRENE	BAEB	_	18-DEC-96 •			33
ABB-ES		FLRENE	BAEB	_	18-DEC-96 •	v	5	,,,
ABB-ES		FC80	BAEA	21-NOV-96	27-NOV-96 •	v		-
ABB-ES		HCBO	BAEA	21-NOV-96	27-NOV-96			ير!
ABB-ES		HCBO	BAEB	09-DEC-96	18-DEC-96 <			بر!
ABB-ES		HCBO	BAEB		18-DEC-96 •			ابر!
ABB-ES		ICOPYR	BAEA	21-NOV-96	27-NOV-96	.,		! -=
ABB-ES		ICOPYR	BAEA	21-NOV-96	27-NOV-96 <			ي. ا
ABB-ES		1CDPYR	BAEB		18-DEC-96 <	.,	_	ار ا
ABB-ES		I COPYR.	BAEB	09-DEC-96	18-DEC-96 <		_	ير ا
ABB-ES		1 SOPHR	BAEA	21-NOV-96	27-NOV-96 <			یے!
ABB-ES		ISOPHR	BAEA		27-NOV-96 <			يب ا
ABB-ES		ISOPHR	BAEB		18-DEC-96 <			یہ ا
ABB-ES		ISOPHR	BAEB	09-DEC-96	18-DEC-96 <			ا
ABB-ES		NAP	BAEA	21-NOV-96	27-NOV-96 <			یے ا
ABB-ES		NAP		21-NOV-96	27-NOV-96 <		10 UGL	ا_ ا
ABB-ES		NAP	BAEB	09-DEC-96	18-DEC-96 <			ب ا
ABB-ES		NAP	BAEB	09-DEC-96	18-DEC-96 <			_
ABB 15		82	BAEA	21-NOV-96	27-NOV-96 <		10 USP	_
ABB-ES		9	BAEA	21-NOV-96	> 96-NON-28			_
ABB-ES		88		09-DEC-96	18-DEC-96 <		10.00	
ABB-ES		88	BAEB	09-DEC-96	18-DEC-96 <			۔ ا
ABB-ES		NNDPA	BAEA	21-NOV-96				ا ا
ABB-ES		NNDPA		21-NOV-96	27-NOV-96 <			۔ ا
ABB-ES				09-DEC-96	18-DEC-96 <			ا ا
ABB-ES			BAEB	09-DEC-96	18-DEC-96 <		10 (16	ــ ا
ABB-ES		PHANTR	BAEA	21-NOV-96	27-NOV-96 <			٠
ABB-ES			BAEA	21-NOV-96	> 57-NOV-96 <			
ABB-ES		_	BAEB	96-DEC-60	18-DEC-96 <			٠
ABB-ES		PHANTR	BAEB (96-DEC-96	18-DEC-96 <		10 UG	
ABB-ES	VMS1	111TCE	VAFU	12-DEC-96	12-DEC-96 <		-	_
ABB-ES				12-DEC-96	12-DEC-96 <		3 5	
ABB-ES		111TCE		06-DEC-96	14-DEC-96 <			

Table: Appendix K METHOD BLANKS (MATER)

	IRDMIS Method	Test		Ę	Analysis			
itractor Method Description	Code	Kome	Lot	Date	Date		Value	Sit
-ES	VMS1	111105	VAEV	OK-DEC-OK				
1-ES		17.5		13-25-25	•	,	- •	3
-65		1		2 - 75G- 51	- 1	•	_	g
		3	X X X	12-DEC-96	_	_	-	ತ
		112TCE		06-DEC-96	14-DEC-98	_		3
		112705		96-DEC-96	14-DEC-96		-	2
ייי		₩	Z	12-DEC-96	12-DEC-96		-	2
- 62		110CE		12-DEC-98	12-DEC-96			d 2
יונצ		1000	VAFX	06-DEC-96	14-DEC-96		•	3 2
		110CE	VAFX	96-DEC-96	14-DEC-96		-	2
יוני איני		110CLE		12-DEC-96	12-DEC-96		-	2
ייי		110CLE	XF	12-DEC-96	12-DEC-96		•	2
20 (11DCLE	VAFX	06-DEC-96	14-DEC-96		•	1 2
in the second		11DCLE		96-DEC-98	14-DEC-96		-	1 2
in section of the sec		128CE	ME	12-DEC-96	12-DEC-96			3 3
		120CE	VAFE	12-DEC-96	12-DEC-96		•	\$ Z
		120CE	VAFX	06-DEC-96	14-DEC-96		-	1 2
		120CE		96-DEC-96	14-DEC-96		-	4 ≧
÷.		120CLE	VAFU	12-DEC-96	12-DEC-96		-	2
Š.		120CLE		12-DEC-96	12-DEC-96		-	2
, i		120CE		96-DEC-96	14-DEC-96		-	2
ž.		120CLE	VAFX	96-DEC-96	14-DEC-96		-	ē
, c		120CLP		12-DEC-96	12-DEC-96 <		_	2
0 6		120CL		12-DEC-96			-	2
2		120CP		26-DEC-96	14-DEC-96 A		-	2
0 6		120CL		96-DEC-96	14-DEC-96 <		_	2
2		ACET	VAF	12-DEC-96	12-DEC-96 <		10	2
		ACET		12-DEC-96	12-DEC-96 <			2
		ACET		96-DEC-96	14-DEC-96 <			2
		ACET		36-DEC-96	14-DEC-96 <			į <u>e</u>
i i		BRDCLM	VAFF.	12-DEC-96	12-DEC-96 <		-	{ z
		BROCLM		12-DEC-96	12-DEC-96 <		-	į
		BROCLA		- 96-DEC-90	14-DEC-96 <		_	2
		BRDCLA	_	ø	14-DEC-96 <		_	g
		C130G	_	œ	12-DEC-96 <		_	2
611		C1800	VAFE	12-DEC-96	12-DEC-96 <		_	ฮ

METHOD BLANKS (WATER)

	IRDMIS	Test		Pren	Analyeie			
Contractor Method Description	Code	Name	Lot	Date	Date	< Value		Unit
ABB-ES	VMS1	C130cp	VAEV	70-22-07	7, 070		: :	: ;
ARR-FS		2000	V	06-DEC-90	14-DEC-90	,	-	占
ABB-EC		2000	VAFX	06-DEC-96	14-DEC-96	•	⊃	ಕ
ABB-175		CZHSCL	VAFW	12-DEC-96	12-DEC-96	•	5	뎡
ABB-ES		C2H3CL	VAFU	12-DEC-96	12-DEC-96	•	-	5
ABB-ES		CZH3CL	VAFX	06-DEC-96	14-DEC-96	. •	-	-
ABB-ES		C2H3CL	VAFX	06-DEC-96	14-DEC-96	•	-	i =
ABB-ES		CSHSCL	VAFW	12-DEC-96	12-DEC-96		-	d 7
ABB-ES		CZHSCL	VAFU	12-DEC-96	12-DEC-96		5 =	d <u>s</u>
ABB-ES		C2H5CL	VAFX	06-DEC-96	14-DEC-96		5 =	3 2
ABB-ES		C2H5CL	VAFX	06-DEC-96	14-DEC-96		5 =	ł ,-
ABB-ES		C6H6	VAFW	12-DEC-96	12-DEC-96		, E	; ,,
ABB-ES		C6H6	VAFW	12-DEC-96	12-DEC-96	~	=	ł <i></i>
ABB-ES		C6H6	VAFX	96-DEC-90	14-DEC-96		, <u>-</u>	ł
ABB-ES		C6H6	VAFX	06-DEC-96	14-DEC-96	v	=	ł ==
ABB-ES		ככול	VAFW	12-DEC-96	12-DEC-96	v	=	!
ABB-ES		ככור	VAFW	12-DEC-96	12-DEC-96		=	! ==
ABB-ES		לכרל		96-DEC-90	14-DEC-96	~	5	!
ABB-ES		ככר4		06-DEC-96	14-DEC-96		5	اج ا
ABB-ES		CH2CL2		12-DEC-96	12-DEC-96 ·	v	2	ي.
ABB-ES		CH2CL2	VAFU	12-DEC-96	12-DEC-96 ·		5	يبر ا
ABB-ES		CH2CL2	VAFX	06-DEC-96	14-DEC-96 •		5	
ABB-ES		CH2CL2		06-DEC-96	14-DEC-96 •	v	, le	يب ا
ABB-ES		CH3BR		12-DEC-96	12-DEC-96 •		5	۔
ADB 15		CH3BR	VAFV	12-DEC-96	12-DEC-96 •		5	یہ
ABB-ES		CH3BR	VAFX	06-DEC-96	14-DEC-96 •	V	5	ي.
ADB - ES		CH3BR	VAFX	06-DEC-96	14-DEC-96 •		25	_
ABB 73		CH3CL	VAFU	12-DEC-96	12-DEC-96 •	.,	2	یہ
ABB-ES		CH3CL	VAFU	12-DEC-96	12-DEC-96 •		1 5	
ABB-ES		CH3CL	VAFX	96-DEC-96	14-DEC-96 <		3	ب ا
ABB-ES		CH3CL	VAFX	96-DEC-90	14-DEC-96 <		3	
ABB-ES		CHBR3	VAFW	12-DEC-96	12-DEC-96 <		12	ا ــــا
ABB TS		CHBR3	VAFW	12-DEC-96	12-DEC-96 <		3	۔ ا
ABB-ES		CHBR3	VAFX	06-DEC-96	14-DEC-96 <		1 VGL	·
ABD-ES		CHBR3	VAFX	96-DEC-96	14-DEC-96 <		25	_
ABB-ES		CHCL3	VAFW	12-DEC-96	12-DEC-96 <		200	ا ــــا

HETHOD BLANKS (WATER)

CHCL3 VAFV 12-DEC-96 12-DEC-96 CHCL3 VAFV 06-DEC-96 14-DEC-96 CHCL3 VAFY 06-DEC-96 14-DEC-96 CHCL3 VAFY 06-DEC-96 14-DEC-96 CHCGH5 VAFV 12-DEC-96 14-DEC-96 CHCGH5 VAFV 12-DEC-96 14-DEC-96 CHCGH5 VAFV 06-DEC-96 14-DEC-96 CHCGH5 VAFV 12-DEC-96 14-DEC-96 CHCGH5 VAFV 12-DEC-96 14-DEC-96 CHCCH5 VAFV 06-DEC-96 14-DEC-96 CHCH5 VAFV 06-DEC-96 14-D	Contractor Method Description	Method Code	Test	Lot	Prep Date	Analysis Date	•	Value	Sit
CHCL3 VARY 06-DEC-96 14-DEC-96 (1-DEC-96 (1-DE	ABB-ES	WHS1	C#G.3	Z Z	12-DEC-96	12-per-ox		-	Š
CHCAS NAFY 06-DEC-96 14-DEC-96 1 CLCOMS NAFY 12-DEC-96 12-DEC-96 1 CLCOMS NAFY 12-DEC-96 12-DEC-96 1 CLCOMS NAFY 12-DEC-96 14-DEC-96 1 CLCOMS NAFY 12-DEC-96 14-DEC-96 1 CLCOMS NAFY 12-DEC-96 12-DEC-96 1 CLCOMS NAFY 12-DEC-96 1 CLCOMS NAFY 12-DEC-96 1 CLCC-96 1 CLCOMS NAFY 12-DEC-96 1 CLCC-96 1 CLCC-96 1 CLCOMS NAFY 12-DEC-96 1 CLCC-96 1 CLCC-96 1 CLCOMS NAFY 12-DEC-96 1 CLCC-96 1 CLCC-96 1 CLCC-96 1 CLCOMS NAFY 12-DEC-96 1 CLCC-96 1 CLCCC-96 1 CLCC-96 1 CLCC	A88-ES		CHC.3	VAFX	96-DEC-96	•		-	3 2
CLOSHS WARN 12-DEC-96 12-DEC-96 (CLOSHS WARN 12-DEC-96 14-DEC-96 (CLOSHS WARN 12-DEC-96 14-DEC-96 (CLOSHS WARN 12-DEC-96 14-DEC-96 (CLOSHS WARN 02-DEC-96 14-DEC-96 (CS2 WARN 12-DEC-96 12-DEC-96 (CS2 WARN 12-DEC-96 12-DEC-96 (CS2 WARN 02-DEC-96 12-DEC-96 (CS3 WARN 02-DEC-96 12-DEC-96 (CS4 DEC-96 (CS4 DEC-9	ABB-ES		CHC 3	VAFX	06-DEC-96	•		-	2
CLC645 VAFA 12-DEC-96 12-DEC-96 (C-96 CLC645) VAFA 12-DEC-96 (C-96 CLC645) VAFA 12-DEC-96 (C-96 CLC645) VAFA 12-DEC-96 (C-96 CLC665) VAFA 12-DEC	ABB-ES		CLCGHS	VAFU	12-DEC-96	-		•	2
CLCGH5 VAFX 06-DEC-96 14-DEC-96 CLCGH5 VAFX 06-DEC-96 14-DEC-96 CS2 VAFA 12-DEC-96 12-DEC-96 CS2 VAFA 12-DEC-96 12-DEC-96 CS2 VAFA 12-DEC-96 12-DEC-96 CS2 VAFA 06-DEC-96 14-DEC-96 CS2 VAFA 06-DEC-96 14-DEC-96 CS2 VAFA 06-DEC-96 14-DEC-96 CS2 VAFA 06-DEC-96 12-DEC-96 CS2 VAFA 06-DEC-96 VAFA 06-DEC-96 12-DEC-96 CS2 VAFA 06-DEC-96 VAFA 06-DEC-96 12-DEC-96 CS2 VAFA 06-DEC-96 V	ABB-ES		CL C&HS	Z	12-DEC-96	-		-	į
CLC6675 VAFY 06-DEC-96 14-DEC-96 CS2 VAFY 06-DEC-96 12-DEC-96 CS2 VAFY 06-DEC-96 14-DEC-96 CS2 CS2 VAFY 06-DEC-96 VAFY 06-DEC-9	ABB-ES		CL0845		06-DEC-96	-		- •	3 5
CS2 VAFY 12-DEC-96 12-DEC-96 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	ABB-ES		CL C		06-DEC-96	14-050-94			į
CS2 VAFA 12-DEC-96 12-DEC-96 CS2 CS2 VAFA 12-DEC-96 12-DEC-96 CS2 CS2 VAFA 06-DEC-96 14-DEC-96 CS2	ABB-ES		CSS		12-DEC-96	12-PEC-94	, v		5
CS2 VAFX 06-DEC-96 14-DEC-96 5 DBRCLIN VAFY 12-DEC-96 14-DEC-96 5 DBRCLIN VAFY 12-DEC-96 14-DEC-96 5 DBRCLIN VAFY 06-DEC-96 14-DEC-96 5 DBRCLIN VAFY 06-DEC-96 14-DEC-96 5 DBRCLIN VAFX 06-DEC-96 14-DEC-96 5 DBRCLIN VAFY 06-DEC-96 14-DEC-96 5 DBRCLIN VAFX 06-DEC-	ABB-ES		CSS		12-DEC-96	12-DEC-96	, v	-	2
DBRCLH NAFY 06-DEC-96 14-DEC-96 1987CLH NAFY 12-DEC-96 12-DEC-	A68-E5		283		8-59-90 9-0-0-90	14-DEC-96		-	Z
DBRCLM VAFV 12-DEC-96 12-DEC-96 DBRCLM VAFV 12-DEC-96 12-DEC-96 DBRCLM VAFV 06-DEC-96 14-DEC-96 DBRCM VAFV 06-DEC-96 14-DEC-96 DBCC-96 DBRCM VAFV 06-DEC-96 14-DEC-96 DBCC-96 DBCC-96	AG-ES		585		06-DEC-96	14-DEC-96		-	2
DBRCLM VAFV 12-DEC-96 12-DEC-96 DBRCLM VAFV 06-DEC-96 14-DEC-96 ETCGHS VAFW 12-DEC-96 14-DEC-96 ETCGHS VAFW 06-DEC-96 14-DEC-96 ETCGHS VAFW 12-DEC-96 12-DEC-96 ETCHS VAFW 12-DEC-96 12-DEC-96 ETCGHS VAFW 12-DEC-96 12-DEC-96 ETCHS VAFW 12-DEC-96 12-DEC-96 ETCGHS VAFW 12-DEC-96 12-DEC-96 ETCHS VAFW 12-DEC-	ABS-ES		DBRCLM		12-DEC-96	12-DEC-96	•	-	ē
DBRCLM VAFX 06-DEC-96 14-DEC-96 14-D	A60-E5			M	12-DEC-96	•	~	-	2
ETGMS	ABB-ES		DBRCLM	VAFX	06-DEC-96	•		-	2
ETCSHS VAFN 12-DEC-96 12-DEC-96 (ETCSHS VAFN 12-DEC-96 14-DEC-96 (ETCSHS VAFN 06-DEC-96 14-DEC-96 (ETCSHS VAFN 12-DEC-96 14-DEC-96 (ETCSHS VAFN 12-DEC-96 14-DEC-96 (ETCSHS VAFN 12-DEC-96 14-DEC-96 (ETCSHS VAFN 12-DEC-96 14-DEC-96 (ETCSHS VAFN 06-DEC-96 (E	766-ES		DBRCLM	VAFX	96-DEC-96		~	-	2
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ETCGH5 VAFX 06-DEC-96 14-DEC-96 (4-DEC-96 (4-D	766-ES		ETCSES	X X	12-DEC-96			-	2
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MIBK VAFU 12-DEC-96 12-DEC	768-ES		E	VAFE.	12-DEC-96	12-DEC-96			2
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HIBK VAFX 06-DEC-96 14-DEC-96 5 14-DEC-96	ABB-ES		E	VAFY	16-DFC-94	14-PEC-94		, u	3 3
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	AGB-ES		Britis		K-PEC-94	7-26-36) i	3 8

Table: Appendix K

METHOD BLANKS (WATER)

Contractor	Contractor Method Description	IRDMIS Method Code	Test Name	Lot	Prep Date	Analysis Date	v	Value	i.
20.00							:		
ABB-ES		VMS	STYR	VAFW	12-DEC-96	12-DEC-96	v	_	5
ABB-ES			STYR	VAFW	•	12-DEC-96	v	-	191
ABB-ES			STYR	VAFX	_	14-DFC-96	~	-	2
ABB-ES			STYR	VAFX		14-her-06		-	3 5
ABB-ES			1130CP	VAFU		-	, v		3 5
ABB-ES			T130CP	VAFU	12-DEC-96		· •		3 5
ABB-ES			T130CP	VAFX		•	. ~	-	1 =
ABB-ES			T130CP	VAFX		14-DEC-96		-	3 3
ABB-ES			TCLEA	VAFW		12-DEC-96			3 2
488-ES			TCLEA	VAFW		12-DEC-96	v	_	35
ABB-ES			TCLEA	VAFX	_	14-DEC-96		_	3 2
88-ES			TCLEA	VAFX		14-DEC-96			190
ABB-ES			TCLEE	VAFW		12-DEC-96	~	-	5
ABB-ES			TCLEE	VAFW		12-DEC-96	~	-	2
ABB-ES			TCLEE	VAFX		14-DEC-96	~	-	2
ABB-ES			TCLEE	VAFX	06-DEC-96	14-	v	-	1 2
188-ES			TRCLE	VAFU	12-DEC-96		~	•	1 2
ABB-ES			TRCLE	VAFU	12-DEC-96	12-DEC-96	~	-	5
ABB-ES			TRCLE	VAFX		14-DEC-96	_	-	2
4BB-ES			TRCLE	VAFX		14-DEC-96		-	1 2
4BB-ES			TXYLEN	VAFU	12-DEC-96	12-DFC-96			<u> </u>
ABB-ES			TXYLEN	VAFU	12-DEC-96	12-DEC-96		-	3 3
ABB-ES			TXYLEN	VAFX	06-DEC-96	14-DEC-96		-	2
4BB-ES			TXYLEN	VAFX	06-DEC-96	14-DEC-96		-	2
ABB-ES			UNK273	VAFW	12-DEC-96	12-DEC-96		_	3

TRIP BLANKS FT. ALLEN

IRDMIS Method Antractor Code	-	Test	Field	9	Sample	Prep	Analysis		IROMIS
	•			MARIOR	Dete	Date	-	Value Unit	Site ID
- CEA	7	1110	TRIP-2	20026-06	04-DEC-98	96-DEC-98	•	50	TRIP-2
	VAFA		TRIP-2	52856-06 52856-06	8-DEC-8	96-DEC-96		100	TRIP-2
	X	-	TRIP-2	52856-06	04-DEC-96	96-DEC-90		100	TRIP-2
	X Y	-	TRIP-2	52056-06	04-DEC-96	06-DEC-96		3	T010-2
	Z	120CE	TRIP-2	52056-06	04-DEC-96	06-DEC-96	12-DEC-96 A	3 3	T010-2
	X	•	TRIP-2	52856-06	04-DEC-96	06-DFC-98		3 5	1010.2
	VAFU	•	TRIP-2	52856-06	Q-0FC-96	S-PE-9	12-DEC-04 /	3 5	TO:0.2
	VAFU	-	TRIP-2	52856-06	04-DEC-96	S-5-5-8	12-ner-ok	3 2	TRIP-C
	VAFU		TRIP-2	52856-06	X	8-DEC-98	12-DEC-04	3 3	TRIP-2
	VAFU		TRIP-2	52056-06	04-DEC-96	8-5-5-5-8	12-ner-ok	3 3	TAIR'S
	VAFU		TRIP-2	52856-06	2	8-PE8	12-NEC-04	3 5	7-11H
	VAFU		TRIP-2	52856-06	8	S-PEC-80		3 3	2-41XI
	VAFU		TRIP-2	52056-06	04-DEC-96	S-PEC-96		3 5	2-71X
	VAFU		TRIP-2	52656-06	04-DEC-94	S-1-1-5		3 5	1817-Z
	VAFV	CH2CL2	TRIP-2	52856-06	04-DEC-96	8-5-5	12-ner.	3 3	TRIP-6
	VAFU		TRIP-2	52856-06	04-DEC-96	06-DEC-98	12-060	3 5	TBID-3
	VAFE		TRIP-2	52656-06	DK-DEC-96	06-DEC-94	12-her.	3 =	TOTAL
	VAFE		TRIP-2	52556-06	04-DEC-96	06-060-96	12-DEC-96 4	3 5	TB10-2
	VAFU		TRIP-2	52856-06	04-DEC-96	06-DEC-96	12-DEC		TE10-2
	VAFE		TRIP-2	52856-06	04-DEC-96	06-DEC-96	12-DEC	3 2	T010-2
	VAFU		TRIP-2	52856-06	24-DEC-96	96-DEC-96	12-DEC-	3 2	T010-2
	X FL	DBRCLM	TRIP-2	52856-06	24-DEC-96	96-DEC-96	12-DEC-96 <	3 2	TP10-2
	X	ETC6H5	TRIP-2	52856-06	34-DEC-96	96-DEC-96	12-DEC-96 <	2	TP10-2
	VAFU	FC655	TRIP-2	52856-06	34-DEC-96 (96-DEC-96	12-DEC-96 <		TR10-2
	VAFU	-	TRIP-2	52856-06 (X-DEC-96	96-DEC-96	12-DEC-96 <		TD10-2
	X	x	TRIP-2	52656-06	X-DEC-96	36-DEC-96	12-DEC-96 <		7010-2
	YAFE		TRIP-2	52856-06 (X-DEC-96	36-DEC-96	12-DEC-96 <		1010-2
	X		TRIP-2	52856-06	X-DEC-96	36-DEC-96	12-DEC-96 <		7010-2
	VAFU		TRIP-2	52656-06 (04-DEC-96	36-DEC-96	12-DEC-96 <		1010-2
	VAF		TRIP-2	52856-06 (9	26-DEC-96	12-DEC-96 <		T010-2
	X		TRIP-2	52856-06 (X	36-DEC-96			Tere-2
	VAF	TRCLE	TRIP-2	52856-06 (8	36-DEC-96	2-DEC-		TPID-2
	VAF		TRIP-2	52856-06 (8	26-DEC-96	12-DEC-		T010-2
	VAFF	UNK262	TRIP-2		X-DEC-96	36-DEC-96	2-DEC-98	3 =	T010-2
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Table: Appendix K

RINSE BLANKS

Unit			55555	호호호호호	ಶ್ವಶ್ವಶ್ವಶ್ವ	ತ್ತಕ್ಷತ್ತ	ner
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Analysis Date	26-NOV-96 10-DEC-96 26-NOV-96 26-NOV-96 26-NOV-96	11-DEC-96 11-DEC-96 11-DEC-96 12-DEC-96	21-NOV-96 21-NOV-96 21-NOV-96 06-DEC-96 06-DEC-96	11-DEC-96 11-DEC-96 11-DEC-96 12-DEC-96 12-DEC-96	11-DEC-96 11-DEC-96 11-DEC-96 12-DEC-96	10-DEC-96 10-DEC-96 10-DEC-96 10-DEC-96 10-DEC-96	03-DEC-96 17-DEC-96
Sample Date	19-NOV-96 04-DEC-96 19-NOV-96 18-NOV-96 03-DEC-96	18-NOV-96 19-NOV-96 19-NOV-96 03-DEC-96 04-DEC-96	18-NOV-96 19-NOV-96 19-NOV-96 03-DEC-96 04-DEC-96	19-NOV-96 18-NOV-96 19-NOV-96 03-DEC-96 04-DEC-96	18-NOV-96 19-NOV-96 19-NOV-96 03-DEC-96 04-DEC-96	03-DEC-96 18-NOV-96 04-DEC-96 19-NOV-96 19-NOV-96	03-DEC-96
	DRAC DRAC DRAC DRAC DRAC		GRAC GRAC GRAD GRAD GRAD	SADE SADE SADE	TADE TADE TADG TADG	HACR HACR HACR TACR	WARM C
Test Name	DRO DRO DRO DRO DRO	88888	GRO GRO GRO GRO	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	4444	모모모모모	AS
Lab Number	52680-02 52856-07 52680-01 52680-03 52680-03	52680-03 52680-02 52680-01 52856-05 52856-07	52680-03 52680-01 52680-02 52856-05 52856-05	52680-02 52680-03 52680-01 52856-05 52856-07	52680-03 52680-02 52680-01 52856-05 52856-05	52856-05 52680-03 52856-07 52680-01 52680-02	52856-05 /
IRDMIS Field Sample Number	RNSWSSO1 RNSWSB02 RNSWSB02 RNSWSB01 RNSWSB01	RNSWSB01 RNSWSB02 RNSWM001 RNSWM001 RNSWM002	RNSWSB01 RNSWSS01 RNSWSW01 RNSWMW01 RNSWMW02	RNSWSSO1 RNSWSBO1 RNSWSWO2 RNSWMWO1 RNSWMWO1	RNSWSBO1 RNSWSBO1 RNSWSBO2 RNSWMMO1 RNSWMMO2	RNSWMW01 RNSWSB01 RNSWMW02 RNSWSB02 RNSWSB02	RNSWW01
IRDMIS Site ID	RNSWSSO1 RNSWSB02 RNSWSB01 RNSWSB01 RNSWSB01	RNSWSB01 RNSWSB02 RNSWMW01 RNSWMW01	RNSWSB01 RNSWSB02 RNSWSS01 RNSWMW01 RNSWMW02	RNSWSSO1 RNSWSBO1 RNSWSBO2 RNSWMWO1 RNSWMWO2	RNSWSB01 RNSWSB01 RNSWSB02 RNSWMW01 RNSWMW02	RNSWMWO1 RNSWSBO1 RNSWMWO2 RNSWSBO2 RNSWSSO1	RNSWM01
IRDMIS Method Code	DRO	GP81	GRO	GSE1	GTL1	HGC1	ICM1
Contractor Method Description							
Contractor	ABB-ES ABB-ES ABB-ES ABB-ES ABB-ES	ABB-ES ABB-ES ABB-ES ABB-ES ABB-ES	ABB-ES ABB-ES ABB-ES ABB-ES ABB-ES	ABB-ES ABB-ES ABB-ES ABB-ES ABB-ES	ABB-ES ABB-ES ABB-ES ABB-ES ABB-ES	ABB-ES ABB-ES ABB-ES ABB-ES ABB-ES	ABB-ES

Table: Appendix K RINSE BLANKS FT. ALLEN

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. <u></u>	7-DEC-96	7-DEC-96	8-DEC-96	7-DEC-96	7-DEC-96	8-5	8-5	8-5	8	26-0	8-5	26-3	8	8	8	3	5 2	5 2	8	8	8	8	8	8	8	8-3	8	8	8	8	8	8	8	8-5	8	8	28	8
Amalysis Date	17-DE	17-DE	18-DE	17-06	17-DE	17-DEC-5	17-DEC-96	18-DE	17-DEC-96	17-DE	17-DEC-96	17-DE	18-06	17-her-94	17-DEC-94	7-76	7-26	200	9-0	12-DEC-	12-DEC-	12-DEC-	2-DEC-	2-DE	12-DEC-9	2-06	2-DE	2-DE	2-DE	2-DE	12-DE	12-DE	12-DE	12-DE	2-DE	12-DEC-96	12-DE	2-DE
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S P e F	SWSWSB02	CNSWSB01	RNSIMO2	3	2801	CHS4SB02	INSUSSO1	RESIDENCE.	Ş	MSUSB02	5501	NSLSB01	THISTH TOS	5	SE01	WSL/SR02	NSIASSO1	3	Y	101	200	200	2905	550	200	200	Ş	203	200	1083	102	5	200	<u>88</u>	5	3	208	501
IRDMIS Field Sample Number	TS E	3	SE	75 E	ENSINSBO.	SE	SE SE	Z	まき		RNS45501	3	まま	PHSLALO!	RNSASBO	SHE	SN	DIVISION OF		RHSHALO	RNS4SBO	RNSIARIO2	RHSLISB02	RNSLSSO1	KNS4SB02		RINSLAND	EXST	RNSMSSO1	RHS45801	RNSI-FLO2		RNS4SB02	ENSTRESSO.	RNSWSB0	RISTER	RNSWS802	RESTREET
۵2	20	5	2	5		2	S .	2	5	2	2	2	2	5	5	202	501	3	ž	Š	5	2	8	2	8	<u>ğ</u>	Ę	ğ	ĕ	ĕ	ğ	Ę	2	Š	ĕ	ē	2	5
IRDMIS Site ID	RNSI-SB02	KNSKSBO	KWS##02	RNSHAD	ENST-SECT	RWS-SB02	RISESSO1	RNSI-MOZ		RESER	RNS45S01		RNSLM.02		RNSL/SB01	RNS-VSB02	RNSLSS01	PASSABLING		RNSLALO	RNS4880	RNSLALO2	RNS4SB02	RISESSO1	RISESB02	MS4SB01	RNS.HLD1	RISPEROZ	RISHSSO1	PHSL/SB01	RESIDENCE		SISPSB02	SISISSO.	SISESSO1	SESTED	SNSINSB02	SMS4SS01
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8	ABB-ES	9 9	700-00	2	A88-ES	2	AGG-ES	2	ABB-ES	2	2	ABB-ES	ABB-ES	88	ABB-ES	\$	ABB-ES	488		ABB-ES	ABB-ES	ABB-ES	ABG-ES	\$	ABB-ES	9	ABB-ES	2	98	AGG-ES		AGG-ES	V	AGG-ES	A88-ES	S3-89	2	Ş

Value Unit	5000 UGL	20 UG		50 UG		10.4 UGL	10 UGL	10 UGL			25 UG			25 UG		1120 UG			100 1161				5000 UG			5000 UGL	5000 UG		_	5000 1161		_	1 to 1	20.1	2 1	בייטט זייני	5000 USP	_
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Analysis Date	12-DEC-96	12-DEC-96	12-DEC-	12-DEC-96	12-DEC-96	12-DEC-	12-DEC-96	12-DEC-96	12-DEC-96	12-DEC-9	12-DEC-9	12-DEC-96	12-DEC-96	12-DEC-9	12-DEC-96	12-DEC-9	12-DEC-96	12-DEC-9	12-DEC-96	12-DEC-96	12-DEC-96	12-DEC-96	12-DEC-96	12-DEC-96														
Sample Date	04-DEC-96		-	_	•			_	_	19-NOV-96	03-DEC-96	-	19-NOV-96	•	_	•	-	_	19-NOV-96	04-DEC-96	03-DEC-96	19-NOV-96	18-NOV-96	19-NOV-96	04-DEC-96	04-DEC-96	19-NOV-96	03-DEC-96	18-NOV-96	19-NOV-96	19-NOV-96	03-DEC-96	18-NOV-96	96-DEC-96	19-NOV-96	03-DEC-96	04-DEC-96	
Lot	A E	Ş	IADK	IADL	ξ	IÆ	IAE	IADL	IADL	IADK	IADL	IADK	IAK	IADK	IADL	IADK	IADK	Ιδί	IADK	IADL	IAD	ΣĄ	IADK	IADK	1 <u>8</u>	IADL	Ιδ	M	IADK	IADK	IADK	IADL	IADK	IADL	IADK	IADL	IADL	
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Lab	52856-07 52856-05	52680-01	52680-02	52856-07	52680-03	52680-01	52680-03	25856-07	52856-05	52680-0	52856-05	52680-03	52680-02	52680-01	52856-07	52680-01	52680-03	52856-05	52680-02	52856-07	52856-05	52680-01	52680-03	52680-02	25856-07	52856-07	52680-01	52856-05	52680-03	52680-02	52680-01	52856-05	52680-03	52856-07	52680-02	52856-05	52856-07	
IRDMIS Field Sample Number	RNSWW02 RNSWW01	RNSWSB02	RNSWSS01	RNSWM02	RNSWSB01	RNSWSB02	RNSWSB01	KNSMMOZ	RNSWW01	RNSMSSO	RNSWW01	RNSWSB01	RNSWSS01	RNSWSB02	RNSWM02	RNSWSB02	RNSWSB01	RNSWW01	RNSWSS01	RNSWMOZ	RNSWW01	RNSWSB02	RNSWSB01	RNSWSS01	KNSMMOZ	KNSMMOZ	KNSWSB02	RNSHMW01	RNSMSB01	RNSWSS01	RNSWSB02	RNSWW01	RNSWSB01	RNSWM02	RNSWSS01	RNSWM01	RNSWM02	
IRDMIS Site ID	RNSHMM02 RNSHMM01	RNSWSB02	RNSWSS01	RNSWW02	RNSWSB01	RNSWSB02	KNSWSB01	KNSMMMOZ	RNSHMOT	KNSMSSOI	RNSWWW01	KNSWSB01	KNSMSS01	RNSWSB02	RNSMM02	RNSWSB02	RNSMSB01	RNSWW01	RNSWSS01	KNSMMMOZ	KNSWWOJ	RNSWSB02	RNSWSB01	KNSWSSUT	KNSMMMOZ	KNSMMUZ	KNSMSBUZ	KNSWMW01	KNSMSBO	KNSMSSOI	RNSWSB02	RNSWW01	RNSWSB01	RNSWM02	RNSWSS01	RNSMM01	RNSWW02	
IRDMIS Method Code	1CP2																																					
Contractor Method Description	ABB-ES ABB-ES	ABB-ES	ABB-ES	ABB-ES	A88-E2	A88-ES	AB8-ES	A88-FS	A88-ES	ABB-EC	ABB-ES	ABB-ES	ABB-ES	ABB-ES	A88-ES	ARR-ES	ABB-ES	ABB-ES	A88-EC	ABB-EC	A88-FS	App. Fo	ABB-ES	A88-FS	ABR-EC	A88-FS	A88-ES	ABB-ES	A88-ES	ABB-ES	ABB-EC	ABB-ES	ABB-ES	489 TS	ABB-ES	ADDITO	ADD-103	

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RINSE BLANKS

Table: Appendix K

RINSE BLANKS

Analysis Date < Value Unit	12-DEC-96 < 5000	12-DEC-96 < 5000	12-DEC-96 < 5000	12-DEC-96 < 40	12-DEC-96 < 50	12-DEC-96 < 20	12-DEC-96 < 20	12-DEC-96 < 20	12-DEC-96 < 20	-	20 1001	27-MOV-96 / 10 UG	27-MOV-96 /	13-DEC-96 <	13-DEC-94 <	27-MOV-96 < 10	27-MOV-96 < 10	27-MOV-96 < 10	13-DEC-96 < 10	13-DEC-96 < 10	27-1104-96 < 10	27-NOV-96 < 10	27-MOV-96 < 10	13-DEC-96 < 10	13-DEC-96 < 10	27-HOV-96 < 10	27-NOV-96 <	27-NOV-96 < 10	Taner of								
	1ADK 18-NOV-96					1ADK 18-NOV-96	1ADK 19-NOV-96	1ADK 19-NOV-96	1ADL 04-DEC-96	1ADK 18-NOV-96	1ADK 19-NOV-96	1ADL 03-DEC-96	IADK 19-NOV-96	1ADL 03-DEC-96	1ADL 04-DEC-96	1ADK 18-NOV-96	1ADK 19-NOV-96	IADK 19-NOV-96		RAFA 18-MOV-OK	BAFA 10-MNV-OK	BAFR 03-DEC-96	BAFR OK-DEC-94	BAEA 19-110V-96	BAEA 18-110V-96	BAEA 19-110V-96	BAEB 03-DEC-96	BAEB O4-DEC-96	BAEA 19-110V-96	BAEA 18-110V-96	BAEA 19-HOV-96	BAEB 03-DEC-96	BAEB 04-DEC-96	BAEA 19-110V-96	BAEA 18-HOV-96	_	_
Lab Test Number Name	52680-03 NA	680-01 NA	680-02 NA	256-05 NI	856-07 NI	680-03 NI	680-01 NI	680-02 NI	A 20-959	20-03	680-01 v	856-05 V	680-02 v	826-05 ZN	52656-07 ZN	NZ 50-089	52680-01 ZN	52680-02 ZN	-	52680-03 124TCB	•		•	•	-	•	•	256-07 120CLB		550-03 130CLB	•	_	•	52680-01 14DCLB	_	52680-02 14DCLB	RSK-05 1450 B
72	:			RHSIMIO1 52											RINSLAND2 52			RNSUSSO1 52	CZ CURRING		_				_			ENSING 52		_		RNSHMO1 52				-	Process 1
	RNSWSB01	KNS#SB02	ENSINS OF	RNSHALO	RNSI-FLOZ	RNSLSB01	RNSHSB02	RNS4SS01	RNSI-MO2	RNSL/SBO1	RNSI/SB02	RESIDENCE.	ENSTRUCTOR OF	RNS-FLO1	RNS-MOS	RISESSO1	RNSASB02	RNS4/SS01	PNCNCBUS	RNS4SB01	RNSASSO1	RINSLAND	RNS4402	RNS4SB02	RNSWSB01	PHSLSSO1	RNS-MO	KINSHINOZ	KWS4SB02	ENST-SECT	KWS/KSO1	ENST-NO.	RNSIM 02	RNSWSB02	RMS/ISB01	RNSHSS01	DING BE D
-10	1002																		CMV1																		
Contractor Method Description		166-ES	20-12	See-ES	See-ES	88-ES	S3-89	ABB-ES	S3-83	88-ES	- ES	ABB-ES	See-ES	89-ES	88-ES	88-ES	AB8-ES	88-ES	ABB-ES	ABB-ES	88 -ES	88-ES	88-ES	ABB-ES	88-ES	- ES	A68-E5	200	000	22-62	20-00	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ABB-ES	88-ES	AGG-ES	ABB-ES	28-ES

RINSE BLANKS

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e Unit	
Value	500000000000000000000000000000000000000
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Analysis Date	13-DEC-96 27-NOV-96 27-NOV-96 13-DEC-96 13-DEC-96 27-NOV-96 27-NOV-96 27-NOV-96 27-NOV-96 27-NOV-96 13-DEC-96
Sample Date	19-NOV-96 19-NOV-96 19-NOV-96 19-NOV-96 19-NOV-96 19-NOV-96 19-NOV-96 119-NOV-96
Lot	BAEB BAEB BAEB BAEB BAEB BAEB BAEB BAEB
Test	2451CP 2451CP 2451CP 2451CP 2461CP 26
Lab Number	52880-01 52880-02 52880-03
IRDMIS Field Sample Number	RNSWAMO RNSWS01 RNSWS0
IRDMIS Site ID	RNSJAMJOZ RNSJASOJ RNSJASOJ RNSJASOJ RNSJAMJOJ RNSJASOJ RNSJASOJ RNSJAMJOJ RNSJASOJ RNSJAMJOJ
IRDMIS Method Code	TAWS
Contractor Method Description	
Contractor	ABB-ES

Table: Appendix K RINSE BLANKS

RISSAMO RISSAMO SEGO-OZ ZELP RISSAMO SEGO-OZ ZECO-OZ ZECO-OZ ZELP RISSAMO SEGO-OZ ZELP RISSAMO SE	Contractor Method Description	IRDMIS Method Code	IRDMIS Site ID	IRONIS Field Sample Number	Leb	Test Name	Lot	Sample Date	Analysis Date	•	Value Unis
MISSAMO NISSAMO S2056-07 2019 MARS 10-100-0-6 27-MOV-96 10-100-100-100-100-100-100-100-100-100-		SHV1	RNS45S01	RNSWSS01	52680-02		BAEA	19-NOV-96	27-HOV-96		10 UG
Marked 1974	24-P		ENSINE OF	RESIDENCE.	52856-05	_	BAEB	03-DEC-96	13-DEC-96	•	10 UG
Misser M	18-ES		RNSHM02	RNSIA 102	52856-07		BAEB	04-DEC-96	13-DEC-96	•	101
Missardo	89-ES		RNSL/SB02	RNS4SB02	52680-01		RAFA	10-MOV-04	27-MOV-94		100
HISSAND RISSAND S266-07 2044 BAE 119-NO-96 27-NO-96 10	ABB-ES		RNSUSSO1	RMSLSS01	52680-02		PAFA	10-MIN-0	27-104-06	, ,	3 5
NESSENCE RESISTANCE SEGGE-OF SCHAP BARE 101-REC-96 110-REC-96 110-REC-9	B-ES		RHSL/SRO1	PHS-LSRO	52450-03		PAEA	18-10V-04	27-1204-06	, ·	2 5
Missand Missand S2856-07 2044 BAEA 16-107-06 13-DEC-96 10	8-ES		PHS PRO	Passage 101	7.785.A			04-PEC-04	17-PEC-04	, ,	
Missabo	Su-man		COMMISSION	PHSTALD2	52856-07			20-12-12-12-12-12-12-12-12-12-12-12-12-12-	מייים מייים	,	2 5
Mississon Mississon 2260-013 Paule Mach 16-100-96 27-1000-96 10-1000-	Sa-ES		PMSUSBO2	PNSASB02	52680-01			10-12C-30	32-12-2	,	2 9
NESSAND NESSAND 2260-02 2040 DATE 19-107-96 T-107-96	B-ES		PHSUCED1	PACIFICATION OF	20,000			200	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	, ,	2
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Historian Hist	-ES		PHSTALDS	PHS.BE.D.2	52856-07			20-12-X	2-130-5		
MISSISSO RISSISSO S2680-02 2PP BAEA 19-100-96 27-100-96 10	S-ES		PWS-KSB02	PHENERUS	52680-01		BARA	20-121-0	2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 -	,	2 9
NEWSEND NEWSEND 5266-05 20P BAEB GG-DEC-96 13-DEC-96 10	S-ES		PMGLCC01	DUCLE CO.	2000		4		2.5	,	
MISSAND MISSAND 22056-07 200 MACA 10-MOV-96 13-DEC-96 10	S 14-		DACK FOO	DIVERSED A	200000			2-51-61	2-A34-72		2
NEW HOLE NEW HOLE NEW HOLE NEW NEW HOLE	S		DESCRIPTION OF	BMCLEE D	2000C			19-10-50 50-10-50 50-10-50	8-MI-/2	· ·	2
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RISASSO1 RISASSO1 S260-03 ZAMII BAEA 19-NOV-96 27-NOV-96 2	Su		DWGLEBOZ	PHENEROZ PHENEROZ	2,000			2-1-1-5	13-DEC-96		2
NEWSKEST NEWSKEST SZOOLOG ZALMIIL BAEA 19-0ROV-96 27-NOV-96 STAMIL BAEA 19-NOV-96 2			DNCLCDO!	PHCHEDO!	00000			2-101-4	8-51-2		S :
RISAMAD2 RISAMAD2 SZESG-07 ZAMAIL BAEA 19-ROV-96 37-BCC-96 37-BCC-	34		PAIC POPO	ANDRONO DE CONTRETE DE CONTRET	00000		X	16-MOV-50	8-12	v	2
RISASBOT RISASBOT SZESS-07 ZAMAIL BAEB 013-0EC-96 SZESS-07 ZAMAIL BAEB 013-0EC-96 SZESS-07 ZAMAIL BAEA 19-MV9-6 ZT-MV9-96 10	2 4			SCHOOL	2000-02		¥	19-10V-98	27-NOV-98	v	3 2
RISARBOZ RINSKRBOZ 2280-01 ZMP BAEA 19-NOV-96 27-NOV-96 10			KHISH	CHEMIN	50000		3	03-DEC-98	13-DEC-98		2 2 2 3
NEWSBOLZ NUSSBOLZ SZ680-01 ZMP			K S T T T T		2000-07			8-DEC-8	13-DEC-96 ·	v	33 Kg
NUMBER N			RMSMS802	MSESSION N	25600-01	2	8	19-10-6	27-NOV-96	v	5 90
NUMBRESO RINSMAND 22860-02 2NP BAEA 19-NOV-96 27-NOV-96 10			RNSASB01		52680-03	35	MEA	18-NOV-81	27-NOV-98	v	10 Up
RISAMAO RISAMAO RISAMAO S2856-05 ZIP BAEB GG-DEC-96 13-DEC-96 10	2-ES		RNSASSO1	RESESSO!	52680-02	35	MEA	19-NOV-96	27-NOV-96		10 00
RNSMBOLZ RNSMBOLZ 52856-07 ZNP BAEB 04-DEC-96 13-DEC-96 1 10 RNSMSBOL RNSMSBOL 52680-01 330CBD BAEA 19-NOV-96 27-NOV-96 1 10 RNSMSBOL RNSMSSOL 52680-02 330CBD BAEA 19-NOV-96 27-NOV-96 1 10 RNSMSBOL RNSMSSOL 52680-02 330CBD BAEA 19-NOV-96 27-NOV-96 1 10 RNSMSBOL RNSMSBOL 5265-07 330CBD BAEA 19-NOV-96 27-NOV-96 1 10 RNSMSBOL RNSMSBOL 5265-07 330CBD BAEB 03-DEC-96 1 10 RNSMSBOL RNSMSBOL 5265-07 330CBD BAEA 19-NOV-96 27-NOV-96 25 RNSMSSOL RNSMSBOL 52680-01 34AMIL BAEA 19-NOV-96 27-NOV-96 25 RNSMSSOL RNSMSBOL 5265-05 34AMIL BAEA 19-NOV-96 27-NOV-96 25 RNSMSSOL RNSMSBOL 5265-05 34AMIL BAEA 19-NOV-96 27-NOV-96 25 RNSMSSOL RNSMSBOL 5265-05 34AMIL BAEA 19-NOV-96 13-DEC-96 25 RNSMSSOL RNSMSBOL 5265-05 34AMIL BAEA 19-NOV-96 13-DEC-96 25 RNSMSNAUL BAEA 19-NOV-96 13-DEC-96 25 RNSMSNAUL BAEA 19-NOV-96 13-DEC-96 25 RNSMSNAUL BAEA 19-NOV-96 27-NOV-96 27-NOV-96 25 RNSMSNAUL BAEA 19-NOV-96 27-NOV-96 2	-62		RESTREED!	RESIDENCE OF	52856-05	25	BAEB	03-DEC-96	13-DEC-96		10 162
RNSMSB02 RNSMSB02 52600-01 330CBD BAEA 19-NOV-96 27-NOV-96 10 10 10 10 10 10 10 10 10 10 10 10 10	J-ES		RNS-MJO2	RESTANDS	52856-07	250	BAEB	04-DEC-96	13-DEC-96		10 15
RNSMS801 RNSMS801 52680-03 330CBD BAEA 18-HZV-96 27-HDV-96 10	-ES		RNS4SB02	RMSLS802	52680-01		PAFA	19-MOV-95	27-MOV-04		100
RNSJARAO1 RNSJASO1 52680-02 330CBD BAEA 19-1070-96 27-1070-96 10	I-ES		RNS4S801	RMS45801	52680-03		PAFA	18-MV-9	27-MOV-04		
RNSJARJO1 RNSJARJO2 52856-05 330CBD BAEB 03-DEC-96 13-DEC-96 10 RNSJARJO2 RNSJARJO2 52856-07 330CBD BAEB 04-DEC-96 13-DEC-96 10 RNSJARJO2 RNSJARJO2 52680-01 3MANIL BAEA 19-NOV-96 27-NOV-96 25 RNSJARJO1 RNSJARJO1 RNSJARJO1 S2680-02 3MANIL BAEA 19-NOV-96 27-NOV-96 25 RNSJARJO1 RNSJARJO1 RNSJARJO1 S2856-05 3MANIL BAEA 19-NOV-96 27-NOV-96 25 RNSJARJO1 RNSJARJO1 RNSJARJO1 S2856-05 3MANIL BAEB 03-DEC-96 13-DEC-96 5 STANDO 52856-05 3MANIL BAEB 03-DEC-96 13-DEC-96 5 5 STANDO 52-DEC-96 5 STANDO 52-DE	1-ES		RNS45501	RMS/SSO1	52680-02			10-MOV-94	27-11-0		
RNSJANJOZ RNSJANJOZ 52856-07 330080 BAEB 04-DEC-96 13-DEC-96 10 10 10 10 10 10 10 10 10 10 10 10 10	3-ES		RMSTALD	PASSAGE OF	52856-05			13-PEC-94	42-75-04	, ,	3 5
RNSASBOZ RNSASBOZ 52680-01 3WANIL BAEA 19-NOV-96 27-NOV-96 25-NOV-96 27-NOV-96 27-NOV-	3-ES		PUSTERNO	DWS.BE.D.	52854-07			25.55	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	, ,	2 9
RNSMSB01 RNSMSB01 52680-03 3WANIL BAEA 16-NOV-96 27-NOV-96 < 25 RNSMSS01 RNSMSS01 52680-03 3WANIL BAEA 19-NOV-96 27-NOV-96 < 25 RNSMSS01 RNSMSS01 52680-05 3WANIL BAEA 19-NOV-96 27-NOV-96 < 25 RNSMSN01 SNSMM01 52856-05 3WANIL BAEB 03-DEC-96 13-DEC-96 < 25 RNSMSN01 52856-05 3WANIL BAEB 03-DEC-96 13-DEC-96 × 25 RNSMSN01 52856-05 3WANIL BAEB 03-DEC-96 13-DEC-96 × 25 RNSMSN01 52856-05 3WANIL BAEB 03-DEC-96 13-DEC-96 × 25 RNSMSN01 52856-05 3WANIL BAEB 03-DEC-96 × 25 RNSMSN	-62		PHOLICARIO	PHOLOGO	52680-01		DAF.	20-124-05	37 1021 50	٠,	2
RISMSS01 RISMSS01 52680-02 3WARIL BAEA 19-10V-96 27-10V-96 < 25 RISMSS01 RISMSNA01 52680-05 3WARIL BAEA 19-10V-96 27-10V-96 < 25 RISMSNA01 RISMSNA01 52856-05 3WARIL BAEB 03-DEC-96 13-DEC-96 < 25 RISMSNA01 RISMSNA01 52856-05 3WARIL BAEB 03-DEC-96 13-DEC-96 < 25 RISMSNA01 RISMSNA01 52856-05 3WARIL BAEB 03-DEC-96 13-DEC-96 < 25 RISMSNA01 RISMSNA01 52856-05 3WARIL BAEB 03-DEC-96 13-DEC-96 < 25 RISMSNA01 52856-05 3WARIL BAEB 03-DEC-96 13-DEC-96 - 25 RISMSNA01 52856-05 3WARIL BAEB 03-DEC-96 13-DEC-96 - 25 RISMSNA01 52856-05 AWARIL BAEB 03-DEC-96 - 25 RISMSNA01 52856-05 AWARIL BAEB 03	Su		DIVELICED 1	DNCLEDO1	20,000	,,		2			9
RNSMAND1 RNSMAND1 52856-05 SWANIL BAREA 19-RDV-96 < 25 RNSMAND1 RNSMAND1 52856-05 SWANIL BAREA 03-DEC-96 13-DEC-96 < 25 RNSMAND1 RNSMAND1 FAREA 03-DEC-96 13-DEC-96 < 25 RNSMAND1 FAREA 03-DEC-96 13-DEC-96 < 15 RNSMAND1 FAREA 03-DEC-96 13-DEC-96 < 15 RNSMAND1 FAREA 03-DEC-96 13-DEC-96 < 15 RNSMAND1 FAREA 03-DEC-96 13-DEC-96 13-DEC-9	24-		DACKED!	DECEMBER OF	200000			04-MH-91			8
PRINCE MANAGEMENT CONTROL STATE OF THE MANAGEMENT CONTROL STAT			ANDRESO DE	NAME OF THE PARTY	20-0020	NAME:		8-M-4			S K)
				KHSHX	2000-02	SHAME	SE SE	03-DEC-96	13-DEC-96		S S

Table: Appendix K RINSE BLANKS

Value Unit	25 UGL	25 UGL	25 UGL	_					10 UGL				10 UGL	10 06	10 UGL	10 UG	10 UGL	10 UGL	10 UGL	10 UGL	10 06	10 UG	10 UG	25 1161	25 16	75 18 18	1 K			25.25	ਰ ਹਨ ਹਨ							
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Analysis Date	27-NOV-96	27-NOV-96	27-NOV-96	13-DEC-96	13-DEC-96	27-NOV-96	27-NOV-96	27-NOV-96	13-DEC-96	13-DEC-96	27-NOV-96	27-NOV-96	27-NOV-96	13-DEC-96	13-DEC-96	27-NOV-96	27-NOV-96	27-NOV-96	13-DEC-96	13-DEC-96	27-NOV-96	27-NOV-96	27-NOV-96	13-DEC-96	13-DEC-96	27-NOV-96	27-NOV-96	27-NOV-96	13-DEC-96	13-DEC-96	27-NOV-96	27-NOV-96	27-NOV-96	13-DEC-96	13-DFC-96	27-NOV-96	27-MOV-06	27-NOV-96
Sample Date	19-NOV-96	18-NOV-96	19-NOV-96	03-DEC-96	04-DEC-96	19-NOV-96	18-NOV-96	19-NOV-96	03-DEC-96	04-DEC-96	19-NOV-96	18-NOV-96	19-NOV-96	03-DEC-96	04-DEC-96	19-NOV-96	18-NOV-96	19-NOV-96	03-DEC-96		19-NOV-96	18-NOV-96	19-NOV-96	03-DEC-96	04-DEC-96										04-DEC-96	19-NOV-96		-
Lot	BAEA		BAEA		BAEB	BAEA			BAEB																	BAEA	BAEA		BAEB	_	BAEA	BAEA	BAEA	_	_	-	RAFA	BAEA
Test	-	-	-			_	_				4CANIL	4CANIL	4CANIL			4CL3C				4CL3C	4CLPPE	4CLPPE	4CLPPE		•		₽	4MP	d₩ b	d₩ħ	4NANIL	-	_	-	4NANIL	4NP	4NP	dN4
Lab Number	52680-01	52680-03	20-05	52856-05	52856-07	52680-01	52680-03	52680-02	52856-05	52856-07	52680-01	52680-03	52680-02	52856-05	52856-07	52680-01	52680-03	52680-02	52856-05	52856-07	52680-01	52680-03	52680-02	52856-05	52856-07	52680-01	52680-02	52680-03	52856-05	52856-07	52680-01	52680-03	52680-02	52856-05	52856-07	52680-01	52680-02	52680-03
IRDMIS Field Sample Number	RNSWSB02	RNSWSB01	KNSMSSO	KNSMMO	RNSWW02	RNSWSB02	RNSWSB01	RNSMSS01	RNSIMM01	RNSWM02	RNSWSB02	RNSWSB01	RNSWSS01	RNSMMOT	RNSWW02	RNSWSB02	RNSWSB01	RNSWSS01	RNSWM01	RNSWM02	RNSWSB02	RNSWSB01	RNSWSS01	RNSWM01	RNSWM02	RNSWSB02	RNSWSS01	RNSMSB01	RNSIMM01	RNSWM02	RNSWSB02	RNSWSB01	RNSWSS01	RNSWMW01	RNSWMW02	RNSWSB02	RNSWSS01	RNSWSB01
IRDMIS Site ID	RNSWSB02	RNSWSB01	KNSWSSO I	KNSMMOI	KNSHMUZ	RNSWSB02	RNSWSB01	RNSWSS01	RNSMMOT	RNSWMOZ	RNSWSB02	RNSWSB01	RNSMSS01	RNSMMOI	RNSWW02	RNSWSB02	RNSHSB01	RNSHSS01	RNSWM01	RNSWM02	RNSWSB02	RNSWSB01	RNSWSS01	RNSWM01	RNSIMM02	RNSWSB02	RNSWSS01	RNSWSB01	RNSIMMO1	RNSIMM02	RNSWSB02	RNSWSB01	RNSWSS01	RNSWW01	RNSWM02	RNSWSB02	RNSWSS01	RNSWSB01
IRDMIS Method Code	SMV1																																					
Contractor Method Description	ABB-ES	ABB-ES ABB-ES	23-09V	23-09V	ABB-ES	ABB-ES	ABB-ES	ABB-ES	ABB-ES	ABB-ES	ABB-ES	ABB-ES	48B-ES	48B-ES																								
Con	A88	ABB	900	9 9	9 6	ABB	ABB	A88	Age	9 6	465	Age of	8 6	800	ABB	Age	ABB	A88.	ABB	ABB:	ABB.	ABB	ABB	ABB	ABB	ABB	ABB.	ABB.	ABB-	ABB.	ABB-							

RINSE BLANKS

Contractor Method Description	Method Code	IROMIS Site 1D	Field	Leb	Test	Ç	Sample Date	Analysis Date	v	Value Unit
	SHV1	RNSLMLO1	RHSIAMO1	52856-05	4		03-DEC-96	13-DEC-0		
68-ES		RNSI-FLO2	RNS14402	52856-07	de 7		04-pro-96	13-DEC-0	· ·	
188-ES		RNSL/SB02	RMSL/SB02	52660-01	AMADME	BAEA	10-M74-04	27-101-0	, , , ,	
ABB-ES		RMSL/SB01	PWS-JSB01	52680-03			20-101	27 HOL 0	/ \ D \	
A88-ES		PWCLECO1	PHONE	36		_	2	V-V-12	v .	
A88-ES		DUCALO	PACE AL DA	2000000		Y S	2-104-A	5-AON-12	v o	2
188-FC		DATE DE CO	Constant Constant	0.0000			13-DEC-96	13-DEC-9	v o	
ABB-EC		KNSHACK	KMSHAOZ	2000-07	•	BAEB	24-DEC-98	13-DEC-9	v •	
23-884 23-884		A HORSEON	KNSKSBOZ	25000-01	•	KE	8-12-6	27-NON-75	y	
		KNSASBO	EMSASSION OF	52680-03	-	Z	18-104-96	27-1104-9	y 9	
20-C2		KNSWS01	RESESSO1	52680-02	-	REA	19-NON-95	27-NOV-9	× 9	
ABB-ES		RESILTED T	PESTERO1	52856-05	AKAPYL	MEB	03-DEC-96	13-DEC-9	· •	
A68-ES		RNSI-MOZ	RMSI-PLO2	52856-07	-	BAEB	04-060-96	13-DEC-9	· •	5
Aca-ES		RNS4SB02	RHS4SB02	52680-01	•	MEA	19-MOV-96	27-MOV-9	· v	
188 -ES		RNS4SB01	RHSLS801	52680-03		BAEA	18-10V-9	27-MOV-0	, v	
ABB-ES		RNS4SS01	RNSLSS01	52680-02		EAFA	19-MOV-96	27-MOV-0	· v	2 5
ABB-ES		RNSLALO1	RHSLALO1	52856-05		PAFR	03-DEC-95	14-DEC-0	, ,	
S-ES		RNSLAND2	RMSLAL02	52856-07		N.	04-DEC-98	13-DEC-0	, v	2 5
188-ES		RNSWSB02	RNSL/SB02	52680-01		MEA.	19-10-95	27-MOV-9	, v	2 5
ABB-ES		RINSLISBO1	RESEASED 1	52680-03		MAEA	18-MOV-96	27-MTV-0	, v	2 5
A88-ES		RNS45501	RNSLSS01	52680-02	-	MEA	19-MOV-96	27-MOV-96	, v	
ABB-ES		RNSIPE-01	ENSIANO!	52856-05		BAEB	03-DEC-96	13-DEC-0	· ·	
V88-ES		RNSI-MIO2	RNSLAL02	52856-07		BAEB	94-DEC-98	13-050-9	/ V	
ABB-ES		RNS4SB02	RHS4SB02	52680-01		BAEA	10-MOV-06	27-MW-0		
WB-ES		RNS4SB01	RHSIASB01	52680-03		PAEA	18-NOV-96	27-MOV-9	, v	2 5
ABB-ES		RNS4SS01	PHS48S01	52680-02		BAEA	10-MOV-0	27-MOV-9	· •	
ABB-ES		RNSI-MO2	RUSHARIO2	52856-07	BZCIPE		34-DEC-96	13-DEC-0	· ·	
N88-ES		RNSLALO1	RNSLP401	52856-05		PAFE	13-0-6-9	13-DEC-0	, ,	
V88-ES		RNS4SB02	RNSI-SB02	52680-01			10-MON-04	27. MOV-0		2 5
168-ES		RNS4SB01	RNSUSB01	52680-03	B2CLEE		8-MV-9	27-MOV-0		3 5
788-ES		RNS4SS01	RMSLSS01	52680-02	RZCI FF		0-M-V-0	27-10-0		3 3 2 2
68-ES		RNS-PR-02	RNSLP4.02	52656-07	R2CI FF		K-167-94	13-PEr-0	· ·	
ABB-ES		RWSLEED!	PWSLEED1	52856-05	R2C1 EF		Na-Per-ox	17-DEC-2	, ,	3 3
188-ES		RNSLSB02	PHSL/SB02	52680-01	R2516	BAEA	10-124-94	37-W-7-72	v	2 1
A88-ES		RNSUSSO1	PHSUSSO1	52680-02	02510		2	X	,	6
88-ES		PNS/SB01	PHISTOREO	52680-025		_	2	X-101-12	v .	S :
68-ES		PASSED 2	DISCLERATION	52854-07	0750 0750 0750 0750		S-25-07	2-51-57	v :	8
88-ES		DINCLEALO!	DWCLEE D1	52854-05	02510		200	12-DEC-X	v	3
LAB-ES		DWCMCDO	DMCHEDO	2,000-02	BACENT	MAR	13-DEC-36	13-DEC-96	v	33 55

RINSE BLANKS

RISASSOI RISASSOI 52680-02 BAANTR RISASSOI RISASSOI FRUSASSOI FRUSASSOI 52680-02 BAANTR RISASSOI RISASSOI FRUSASSOI	Contractor Method Description	IRDMIS Method Code	IRDMIS Site ID	IRDMIS Field Sample Number	Lab Number	Test	Lot	Sample Date	Analysis Date <	Value Unit
RISASSOI RISASSOI 25.2856-05 BANIR BARE 19-NOV-96 27-NOV-96 (10 NISASMA) RISASSOI 25.2856-05 BANIR BARE 03-DEC-96 (11 DEC-96 (11 DEC	ABB-ES	SMV1	RNSMSB01	RNSWSB01	52680-03	BAANTR	BAEA	18-NOV-96		10 UGL
RISSAMOD RISSAMOD 25285-07 BAANIT BARE 03-DEC-96 10	Ė		RNSWSS01	RNSWSS01	52680-02	BAANTR		19-NOV-96		10 UGL
RISSAMOTO RISSASSOT 52680-02 BAPTR BARE 19-1007-96 27-NOV-96 RISSASSOT RISSASSOT 52680-02 BAPTR BARE 19-1007-96 27-NOV-96 RISSASSOT RISSASSOT 52680-02 BAPTR BARE 19-1007-96 27-NOV-96 RISSASSOT 810-1007 BAPTR BARE 19-1007-96 27-NOV-96 RISSASSOT 810-1007 BARTR BARE 19-1007-96 27-NOV-96 RISSASSOT 810-1007 BAPTR BARE 19-1007-96 27-NOV-96 RISSASSOT 810-1007-96 BAPTR BARE 19-NOV-96 810-1007-96 RISSASSOT 810-1007-96 BAPTR BARE 19-NOV-96 810-1007-96 RISSASSOT 810-1007-96 BAPTR BARE 19-NOV-96 810-1007-96 RISSASSOT 810-1007-96 BAPTR	S		RNSHW02	RNSHMW02	52856-07	BAANTR		04-DEC-96		_
RISHSERIO RISHSSERIO SEGEO-OS BAPPIR BAER 19-MOV-96 Z7-MOV-96 (1974) RISHSSERIO RISHSSERIO SEGEO-OS BAERIN BAER 19-MOV-96 Z7-MOV-96 (1974) RISHSSERIO RISHSSERIO SEGEO-OS CARBAZ BAER 19-MOV-96 Z7-MOV-96 (1974) RISHSSERIO RISHSSERIO SEGO-OS CARBAZ BAER 19-MOV-96 Z7-MOV-96 (1974) RISHSSERIO RISHSSERIO SEGO-OS CARBAZ BAER 19-MOV-96 Z7-MOV-96 (1974) RISHSSERIO RISHSSERIO SEGO-OS CARBAZ BAER 19-MOV-96 Z7-MOV-96 (1974) RISHSSERIO RISHSSERI	-ES		RNSHMINO1	RNSWM01	52856-05	BAANTR		03-DEC-96		_
RISANSOT RISANSOT 22680-02 BAPYR BAER 18-MOV-96 27-MOV-96 10	E C		RNSWSB02	RNSWSB02	52680-01	BAPYR	BAEA	19-NOV-96	> 27-NOV-96 <	_
RISSAND RISSAND S2856-07 BAPYR BAEA B-NOV-96 71-DEC-96	۵. (c		RNSWSS01	RNSWSS01	52680-02	BAPYR	BAEA	19-NOV-96	> 52-NON-26	
RISSAMMO	2 3		RNSMSB01	RNSWSB01	52680-03	BAPYR	BAEA	18-NOV-96	27-NOV-96	
RINSWARD RINSWARD S2650-01 BBFANT BAEA 19-NUV-96 27-NUV-96 10	2 5		RNSH-MO2	RNSWW02	52856-07	BAPYR		04-DEC-96	13-DEC-96	
RISKINGER RISKINGER CONTRIBERANT BREAT 18-MOV-96. 27-NOV-96. PRINKINGER CONTRIBERANT BREAT 18-NOV-96. 27-NOV-96. PRINKINGER CONTRIBERANT BREAT 19-NOV-96. PRINKINGER CONTRIBERANT BREAT 19-NOV-96. PRINKINGER CONTRIBERANT BREAT 1	2		RNSMM01	RNSM-MO1	52856-05	BAPYR		03-DEC-96	13-DEC-96	
RISMARDO RISMANDO S2680-03 BBFANT BAEA 19-NOV-96 27-NOV-96 < 10 RISMANDO RISMANDO RISMANDO S2680-05 BBFANT BAEB 04-DEC-96 13-DEC-96 < 10 RISMANDO RISMANDO S2680-01 BBZP BRAAT 19-NOV-96 27-NOV-96 < 10 RISMANDO RISMANDO S2680-01 BBZP BRAAT 19-NOV-96 27-NOV-96 < 10 RISMANDO RISMANDO RISMANDO S2680-01 BBZP BAEA 19-NOV-96 27-NOV-96 < 10 RISMANDO RISMANDO RISMANDO S2680-01 BBZP BAEA 19-NOV-96 27-NOV-96 < 10 RISMANDO RISMANDO S2680-01 BBZP BAEA 19-NOV-96 27-NOV-96 < 10 RISMANDO RISMANDO S2680-01 BBZP BAEA 19-NOV-96 27-NOV-96 < 10 RISMANDO RISMANDO S2680-01 BBZP BAEA 19-NOV-96 27-NOV-96 < 10 RISMANDO RISMANDO S2680-01 BBZP BAEA 19-NOV-96 27-NOV-96 < 10 RISMANDO RISMANDO S2680-01 BBZP BAEA 19-NOV-96 27-NOV-96 < 10 RISMANDO RISMANDO S2680-01 BBZP BAEA 19-NOV-96 27-NOV-96 < 10 RISMANDO RISMANDO S2680-01 BBZP BAEA 19-NOV-96 27-NOV-96 < 10 RISMANDO RISMANDO S2680-01 BBZP BAEA 19-NOV-96 27-NOV-96 < 10 RISMANDO RISMANDO S2680-01 BBZP BAEA 19-NOV-96 27-NOV-96 < 10 RISMANDO RISMANDO S2680-01 BBZP BAEA 19-NOV-96 27-NOV-96 < 10 RISMANDO RISMANDO S2680-01 BBZP BAEA 19-NOV-96 27-NOV-96 < 10 RISMANDO RISMANDO S2680-01 BBZP BAEA 19-NOV-96 27-NOV-96 < 10 RISMANDO RISMANDO S2680-01 BBZP BAEA 19-NOV-96 27-NOV-96 < 10 RISMANDO RISMANDO S2680-01 BBZP BAEA 19-NOV-96 27-NOV-96 < 10 RISMANDO RISMANDO S2680-01 BRZAAT BAEA 19-NOV-96 27-NOV-96 < 10 RISMANDO RISMANDO S2680-01 CARBAZ BAEA 19-NOV-96 27-NOV-96 < 10 RISMANDO RISMANDO S2680-01 CARBAZ BAEA 19-NOV-96 27-NOV-96 < 10 RISMANDO RISMANDO S2680-01 CARBAZ BAEA 19-NOV-96 27-NOV-96 < 10 RISMANDO RISMANDO S2680-01 CARBAZ BAEA 19-NOV-96 27-NOV-96 < 10 RISMANDO RISMANDO S2680-01 CARBAZ BAEA 19-NOV-96 27-NOV-96 < 10 RISMANDO RISMANDO S2680-01 CARBAZ BAEA 19-NOV-96 27-NOV-96 < 10 RISMANDO RISMANDO S2680-01 CARBAZ BAEA 19-NOV-96 27-NOV-96 < 10 RISMANDO RISMANDO S2680-01 CARBAZ BAEA 19-NOV-96 27-NOV-96 < 10 RISMANDO RISMANDO S2680-01 CARBAZ BAEA 19-NOV-96 27-NOV-96 < 10 RISMANDO RISMANDO S2680-01 CARBAZ BAEA 19-NOV-96 27-NOV-96 < 10 RISMANDO RISMANDO S2680-01 CARBAZ BAEA 19-NOV-96 27-NOV-96 < 10 RISMA	Š		RNSWSB02	RNSMSB02	52680-01			19-NOV-96	27-NOV-96	
RNSMSSOT RNSMWOZ S2856-07 BBFANT BAEB 03-DEC-96 13-DEC-96 13-DEC-9	ž.		RNSWSB01	RNSMSB01	52680-03			18-NOV-96	27-NOV-96	
RISSAMANO RISSAMANO SERSE-OF BRANT BAEB 04-DEC-96 13-DEC-96 RISSAMANO RISSAM	i ii		RNSWSS01	RNSMSS01	52680-02	_		19-NOV-95	27-NOV-96	
RISMAND RISMAND 52856-05 BBFANT BAEB 03-DEC-96 13-DEC-96	S		RNSWM02	RNSWM02	52856-07	BBFANT		04-DEC-96	13-DEC-96 <	
RINSMS01 RNSKSB02 S2680-01 BBZP BAEA 19-NOV-96 Z7-NOV-96 RNSMS801 RNSMSB01 RNSMSB01 S2680-03 BBZP BAEB 04-DEC-96 13-DEC-96 RNSMSB02 RNSMSB02 RNSMSB02 RNSMSB02 RNSMSB02 RNSMSB02 RNSMSB02 RNSMSB02 RNSMSB03 RNSMSB	ES		RNSWW01	RNSWW01	52856-05	BBFANT		03-DEC-96		
RISMAND RISMAND RISMAND S2680-02 BBZP BAEA 18-NOV-96 27-NOV-96 4 10 RISMAND RISMAND RISMAND S2680-02 BBZP BAEA 19-NOV-96 27-NOV-96 4 10 RISMAND RISMAND RISMAND S2680-01 BRHPY BAEA 19-NOV-96 27-NOV-96 4 10 RISMAND RISMAND S2680-01 BRHPY BAEA 19-NOV-96 27-NOV-96 4 10 RISMAND RISMAND SERVICE S2680-01 BRHPY BAEA 19-NOV-96 27-NOV-96 4 10 RISMAND RISMAND SERVICE S2680-01 BRHPY BAEA 19-NOV-96 27-NOV-96 4 10 RISMAND RISMAND S2680-01 BRHPY BAEA 19-NOV-96 27-NOV-96 4 10 RISMAND RISMAND S2680-01 BRHPY BAEA 19-NOV-96 27-NOV-96 4 10 RISMAND RISMAND S2680-01 BRHPY BAEA 19-NOV-96 27-NOV-96 4 10 RISMAND RISMAND S2680-02 BRHPY BAEA 19-NOV-96 27-NOV-96 4 10 RISMAND RISMAND S2680-02 BRHPY BAEA 19-NOV-96 27-NOV-96 4 10 RISMAND RISMAND S2680-03 BRHPAT BAEA 19-NOV-96 27-NOV-96 4 10 RISMAND RISMAND S2680-03 BRHPAT BAEA 19-NOV-96 27-NOV-96 4 10 RISMAND RISMAND S2680-03 BRHPAT BAEA 19-NOV-96 27-NOV-96 4 10 RISMAND RISMAND S2680-03 GRHBAZ BAEA 19-NOV-96 27-NOV-96 4 10 RISMAND RISMAND S2680-03 GRRAZ BAEA 19-NOV-96 27-NOV-96 4 10 RISMAND RISMAND S2680-03 GRRAZ BAEA 19-NOV-96 27-NOV-96 4 10 RISMAND RISMAND S2680-03 GRRAZ BAEA 19-NOV-96 27-NOV-96 4 10 RISMAND RISMAND S2680-03 GRRAZ BAEA 19-NOV-96 27-NOV-96 4 10 RISMAND RISMAND S2680-03 GRRAZ BAEA 19-NOV-96 27-NOV-96 4 10 RISMAND RISMAND S2680-03 GRRAZ BAEA 19-NOV-96 27-NOV-96 4 10 RISMAND RISMAND S2680-03 GRRAZ BAEA 19-NOV-96 27-NOV-96 4 10 RISMAND RISMAND S2680-03 GRRAZ BAEA 19-NOV-96 27-NOV-96 4 10 RISMAND RISMAND S2680-03 GRRAZ BAEA 19-NOV-96 27-NOV-96 4 10 RISMAND RISMAND S2680-03 GRRAZ BAEA 19-NOV-96 27-NOV-96 4 10 RISMAND RISMAND S2680-03 GRRAZ BAEA 19-NOV-96 27-NOV-96 4 10 RISMAND RISMAND S2680-03 GRRAZ BAEA 19-NOV-96 27-NOV-96 4 10 RISMAND RISMAND S2680-03 GRRAZ BAEA 19-NOV-96 27-NOV-96 4 10 RISMAND RISMAND S2680-03 GRRAZ BAEA 19-NOV-96 27-NOV-96 4 10 RISMAND RISMAND S2680-03 GRRAZ BAEA 19-NOV-96 27-NOV-96 4 10 RISMAND S2690-0	ES		RNSWSB02	RNSWSB02	52680-01	BBZP		19-NON-96	27-NOV-96 <	
RNSAMBOL	ES		RNSWSB01	RNSWSB01	52680-03	BBZP	BAEA	18-NOV-96	27-NOV-96 <	
RNSWAMO2	ES		RNSWSS01	RNSWSS01	52680-02	BBZP	-	19-NOV-96	27-NOV-96 <	
RISSMEND RISSMEND STATES AND STAT	ES		RNSWM02	RNSWM02	52856-07	88ZP		34-DEC-96	13-DEC-96 <	
RNSMSB02 RNSMSB02 S2680-01 BGHIPY BAEA 19-NOV-96 27-NOV-96 10	S C		RNSWW01	RNSWW01	52856-05	BBZP		33-DEC-96	13-DEC-96 <	
RNSMSSO1 RNSMSSO1 S2680-03 BGHIPY BAEA 18-NOV-96 27-NOV-96 < 10 RNSMSSO1 RNSMSSO1 S2680-02 BGHIPY BAEA 19-NOV-96 27-NOV-96 < 10 RNSMSSO1 RNSMMO2 RNSMMO2 S2856-05 BGHIPY BAEB 04-DEC-96 1-DEC-96 1-DEC-96 RNSMSSO1 S2680-05 BKFANT BAEA 19-NOV-96 27-NOV-96 1-DEC-96 RNSMMO2 RNSMSSO1 RNSMSSO1 S2680-05 BKFANT BAEB 04-DEC-96 1-DEC-96 1-DEC-96 RNSMMO2 RNSMSSO1 S2680-05 BREAT 19-NOV-96 27-NOV-96 1-DEC-96 RNSMMO2 RNSMSSO1 S2680-05 CARBAZ BAEA 19-NOV-96 27-NOV-96 1-DEC-96 RNSMMO2 RNSMSSO1 S2680-05 CARBAZ BAEA 19-NOV-96 27-NOV-96 1-DEC-96 RNSMMO2 RNSMSSO1 RNSMSSO1 S2680-05 CARBAZ BAEB 03-DEC-96 1-DEC-96 1-DEC-96 RNSMMO2 RNSMSSO1 RNSMSSO1 S2680-05 CARBAZ BAEB 03-DEC-96 1-DEC-96 1-DEC-96 RNSMMO2 RNSMSSO1 RNSMSSO	ES		RNSWSB02	RNSWSB02	52680-01	BGHIPY		19-NOV-96	27-NOV-96 <	
RNSMMO2 RNSMMO2 RNSMMO2 S2856-07 BGHIPY BAER 19-NOV-96 27-NOV-96 1 10	E		RNSWSB01	RNSWSB01	52680-03	BGHIPY	•	18-NOV-96	27-NOV-96 <	
RNSMMUOZ RNSMMUOZ RNSMMUOZ S2856-07 BGHIPY BAEB 04-DEC-96 13-DEC-96 1 RNSMMUOZ RNSMMUOZ RNSMMUOZ RNSMMOZ S2680-03 BKFANT BAEA 19-NOV-96 27-NOV-96 10 RNSMSSO1 RNSMSSO1 RNSMSSO1 S2680-02 BKFANT BAEA 19-NOV-96 27-NOV-96 10 RNSMSSO2 RNSMMUOZ	ES		RNSWSS01	RNSWSS01	52680-02	BGHIPY	BAEA	96-NON-6	27-NOV-96 <	
RNSMBROZ RNSMBROZ SZ680-01 BKFANT BAEA 19-NOV-96 27-NOV-96 < 10 RNSMSBROZ RNSMSBROZ SZ680-02 BKFANT BAEA 19-NOV-96 27-NOV-96 < 10 RNSMSBROZ RNSMSBROZ SZ680-02 BKFANT BAEA 19-NOV-96 27-NOV-96 < 10 RNSMMNOZ RNSMMNOZ RNSMMNOZ SZ680-07 BKFANT BAEB 03-DEC-96 13-DEC-96 < 10 RNSMSBROZ RNSMMNOZ RNSMSBROZ SZ680-01 CARBAZ BAEA 19-NOV-96 27-NOV-96 < 10 RNSMSBROZ RNSMSBROZ SZ680-01 CARBAZ BAEA 19-NOV-96 27-NOV-96 < 10 RNSMSBROZ RNSMSBROZ RNSMSBROZ RABBAZ BAEA 19-NOV-96 27-NOV-96 < 10 RNSMSBROZ RNSMMNOZ RNSMMNOZ RNSMSBROZ RABBAZ BAEB 04-DEC-96 170 RNSMSBROZ RNSMMNOZ RNSMSBROZ RABBAZ BAEB 03-DEC-96 170 RNSMSBROZ RNSMMNOZ RNSMSBROZ RABBAZ BAEB 03-DEC-96 170 RNSMSBROZ RNSMS	ES		RNSHMW02	RNSWM02	52856-07	BGHIPY	_	34-DEC-96	13-DEC-96 <	
RNSMSB01 RNSMSB02 52680-01 BKFANT BAEA 19-NOV-96 27-NOV-96 < 10 RNSMSB01 RNSMSB01 52680-03 BKFANT BAEA 19-NOV-96 27-NOV-96 < 10 RNSMSD01 RNSMSSO1 52680-03 BKFANT BAEA 19-NOV-96 27-NOV-96 < 10 RNSMMNO1 RNSMSB01 52680-07 BKFANT BAEB 04-DEC-96 13-DEC-96 RNSMSB01 RNSMSB01 RNSMSB02 52680-01 CARBAZ BAEA 19-NOV-96 27-NOV-96 < 10 RNSMSNB01 RNSMSB01 52680-03 CARBAZ BAEA 19-NOV-96 27-NOV-96 < 10 RNSMSNB01 RNSMSB01 52680-03 CARBAZ BAEA 19-NOV-96 27-NOV-96 < 10 RNSMSNB01 RNSMSB02 52680-03 CARBAZ BAEB 03-DEC-96 < 10 RNSMSB01 RNSMSB02 52680-01 CARBAZ BAEB 03-DEC-96 < 10 RNSMSB01 RNSMSB02 52680-01 CARBAZ BAEB 03-DEC-96 < 10 RNSMSB01 RNSMSB02 52680-01 CHRY BAEB 03-DEC-96 < 10 RNSMSB01 RNSMSB02 52680-01 CHRY BAEA 19-NOV-96 27-NOV-96 < 10 RNSMSB01 RNSMSB01 52680-02 CHRY BAEA 19-NOV-96 27-NOV-96 < 10 RNSMSB01 RNSMSB01 52680-02 CHRY BAEA 19-NOV-96 27-NOV-96 < 10 RNSMSB01 RNSMSB01 52680-02 CHRY BAEA 19-NOV-96 27-NOV-96 < 10 RNSMSB01 RNSMSB01 52680-02 CHRY BAEA 19-NOV-96 27-NOV-96 < 10 RNSMMNO2 RNSMMNO2 RNSMMNO2 52856-07 CHRY BAEA 19-NOV-96 27-NOV-96 < 10 RNSMMNO2 RNSMMNO2 RNSMMNO2 52860-02 CHRY BAEA 19-NOV-96 27-NOV-96 < 10 RNSMMNO2 RNSMMNO2 S2856-07 CHRY BAEA 19-NOV-96 27-NOV-96 < 10 RNSMMNO2 RNSMMNO2 S2856-07 CHRY BAEA 19-NOV-96 27-NOV-96 < 10 RNSMMNO2 RNSMMNO2 RNSMMNO2 CHRY BAEA 19-NOV-96 27-NOV-96 < 10 RNSMMNO2 RNSMMNO2 CHRY BAEA 19-NOV-96 27-NOV-96 < 10 RNSMMNO2 RNSMMNO2 CHRY BAEA 19-NOV-96 27-NOV-96 < 10 RNSMMNO3 RNSMMNO3 CHRY BAEA 19-NOV-96 27-NOV-96 < 10 RNSMMNO3 CHRY BAEA 19-NOV-96 27-NOV-96 CHRY BAEA 19-NOV-96 CHRY B	ES		RNSHMW01	RNSWM01	52856-05	BGHIPY		3-DEC-96	13-DEC-96 <	
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	S		RNSWM02	RNSWM02	52856-07	CHRY	_	4-DEC-96	13-DEC-96 <	_

Table: Appendix K RINSE BLANKS

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RNSMAND1 RNSMAND1 52656-05 CLGET BAEB RNSMSB02 RNSMSB01 52660-01 DBAHA BAEA RNSMSB01 RNSMSB01 52660-02 DBAHA BAEA RNSMAND2 RNSMSB01 52660-02 DBAHA BAEB RNSMSB02 RNSMSB01 52656-07 DBAHA BAEB RNSMSB01 RNSMSB01 52656-07 DBAHA BAEB RNSMSB01 RNSMSB01 52656-07 DBZFUR BAEA RNSMSB01 RNSMSB01 52656-07 DBZFUR BAEA RNSMSB01 RNSMSB01 52656-07 DBZFUR BAEB RNSMSB01 RNSMSB01 52656-07 DBFP BAEB RNSMSB01 RNSMSB01 52650-01 DEP RNSMSB01 RNSMSB01 52650-01 DEP BAEB RNSMSB01 RNSMSB01 52650-07 DEP BAEB RNSMSSB01 SNSMSB02 52650-07 DPP BAEB RNSMSSB01 RNSMSB02 52650-07 DPP BAEB RNSMSSB01 SNSMSB02 52650-07 DPP BAEB RNSMSSB01 SNSMSB02 52650-07 DPP BAEB RNSMSSB01 SNSMSB02 52650-07 DPP BAEB RNSMSSB01 RNSMSB02 52650-07 DPP BAEB RNSMSSB01 SNSMSMSB02 52650-07 DPP BAEB RNSMSSB01 SNSMSMSMSB02 52650-07 DPP BAEB RNSMSSB01 SNSMSMSMSMSMSB02 52650-07 DPP BAEB RNSMSSB01 SNSMSMSMSMSMSMSMSMSMSMSMSMSMSMSMSMSMSMS	-DEC-96 13-DEC-96	
NYSMSBUZ NYSMSBUZ SZ660-01 DBAHA BAEA RNSMSBUZ RNSMSBUZ SZ660-02 DBAHA BAEA RNSMSSU SZ660-02 DBAHA BAEA RNSMSSU SZ660-02 DBAHA BAEA RNSMSSU RNSMSBUZ RNSMSBUZ RNSMSBUZ SZ660-01 DBZFUR BAEA RNSMSSU RNSMSSU SZ660-01 DBZFUR BAEA RNSMSSU RNSMSSU SZ660-07 DEP BAEA RNSMMSSU SZ660-07 DEP SMSMSU SZ660-07 DEP S	-DEC-96 13-DEC-96	
RNSMSBUT RNSMSBUT 52600-02 DBANA BAEA RNSMSBUT RNSMMOZ 52660-02 DBANA BAEA RNSMMOZ RNSMMOZ 52660-07 DBANA BAEB RNSMMOZ RNSMSBUZ 52660-07 DBZFUR BAEB RNSMSBUT RNSMMOZ 52660-07 DBZFUR BAEB RNSMSBUT RNSMSBUT 52680-07 DBZFUR BAEB RNSMSBUT RNSMMOZ 72656-07 DBZFUR BAEB RNSMSBUT RNSMMOZ 72656-07 DBZFUR BAEB RNSMSBUT RNSMSBUT RNSMSBUT 52680-07 DEP BAEB RNSMSBUT RNSMSBUT 52680-07 DEP BAEB RNSMSBUT RNSMSBUT 52660-07 DEP BAEB RNSMSBUT SNSMSBUT 52660-07 DEP BAEB RNSMSBUT SNSMSBUT 52660-07 DEP BAEB RNSMSBUT SNSMSBUT 52660-07 DEP BAEB RNSMSBUT SNSMSMOT 52660-07 DEP BAEB RNSMSBUT SNSMSBUT 52660-07 DEP BAEB RNSMSBUT SNSMSBUT 52660-07 DEP BAEB RNSMSBUT SNSMSBUT 52660-07 DEP BAEB RNSMSBUT 52660-07 DEP BAEB RNSMSBUT SNSMSBUT 52660-07 DEP BAEB RNSMSBUT 52660-07 DEP BAE	-NOV-96 27-HOV-96	
RNSMSSUT RNSMSSUT 5266-07 DBANA BAEA RNSMSSUT 8266-07 DBANA BAEA RNSMSSUT 81858M7 5266-07 DBANA BAEB RNSMSSUT 82660-07 DBANA BAEB RNSMSSUT 81858M7 5266-07 DBZFUR BAEB RNSMSSUT 81858M1 52660-07 DBZFUR BAEB RNSMSSUT 81858M1 5266-07 DBZFUR BAEB RNSMSSUT 81858M1 5266-07 DBZFUR BAEB RNSMSSUT 81858M1 5266-07 DBZFUR BAEB RNSMSWSUT 81858M1 5266-07 DEP BAEB RNSMSWSUT 81858M1 5266-07 DEP BAEB RNSMSWSUT 81858M1 5266-07 DEP BAEB RNSMSWSUT 81858M1 52660-07 DPP BAEB RNSMS	-NOV-96 27-NOV-96	
NYSAMMO2	-NOV-96 27-NOV-96	
NASAFBAD NASAFBAD 52856-05 DBAJA BAEB RASAFBAD RASAFBAD 52856-05 DBATAR BAEA RASAFBAD RASAFBAD 52860-01 DBATAR BAEA RASAFBAD RASAFBAD 52860-07 DBATAR BAEB RASAFBAD RASAFBAD 52860-07 DBATAR BAEB RASAFBAD RASAFBAD 52856-07 DBATAR BAEB RASAFBAD RASAFBAD 52850-01 DEP BAEA RASAFBAD RASAFBAD 52850-07 DEP BAEB BAEB SASAFBAD 52850-07 DEP SASAFBAD 5285	-DEC-96 13-DEC-96	2
RNSMSBUZ RNSMSBUZ 52680-01 DBZFUR BAEA RNSMSBUZ 18460-03 DBZFUR BAEA RNSMSSBUZ 18468-03 DBZFUR BAEA RNSMSNSBUZ 18468-03 DBZFUR BAEB RNSMSNSBUZ 18468-03 DBZFUR BAEB RNSMSSBUZ 18468-03 DEP BAEA RNSMSBUZ 18468-03 DEP BAEA RNSMSBUZ 18468-03 DEP BAEA RNSMSBUZ 18468-03 DEP BAEA RNSMSNSBUZ 18468-03 DEP BAEA RNSMSNSBUZ 18468-03 DEP BAEA RNSMSNSBUZ 18468-03 DBP BAEA RNSMSSBUZ 18468-03 DBP BAEA RNSMSS	-DEC-96 13-DEC-96	2
NYSASSO1	-NOV-96 27-NOV-96	9
NYSANSO NYSANSO 52686-07 DBZFJR BAEA RNSAMAO2 RNSAMAO2 52686-07 DBZFJR BAEB RNSAMAO2 RNSAMAO1 52680-02 DEP BAEA RNSAMAO2 RNSAMAO2 SNSAMAO2 52680-07 DEP BAEA RNSAMAO2 RNSAMAO1 52680-07 DEP BAEA RNSAMAO2 RNSAMAO1 52680-07 DEP BAEA RNSAMAO2 RNSAMAO1 52680-07 DEP BAEA RNSAMAO2 RNSAMAO2 52680-07 DEP BAEA RNSAMAO2 RNSAMAO2 52680-07 DEP BAEA RNSAMAO2 RNSAMAO2 52680-07 DEP BAEA RNSAMAO2 SNSAMAO2 52680-07 DEP BAEA RNSAMAO2 SNSAMAO2 52680-07 DEP BAEA RNSAMAO2 SNSAMAO2 52680-07 DEP BAEA RNSAMAO2 SNSAMAO2 52680-07 DEP BAEA RNSAMAO2 SNSAMAO2 52680-07 DEP BAEA RNSAMAO2 SNSAMAO2 SNSAMAO3 S	-NOV-96 27-NOV-96	2
RASHMOO RESIDENCE OF DEPTH BAEB RASHMOO RESIDENCE OF DEPTH BAEA RASHMOO RESIDENCE OF DEPTH BAEA RASHMOO RESIDENCE OF DEPTH BAEA RASHMOO S2056-07 DEPHH BAEA RASHMOO RESIDENCE OF DEPTH BAEA RASHMOO RESIDENCE OF DEPTH BAEA RASHMOO S2056-07 DEPHH BAEA RASHMOO S2056-07 DEPHH BAEA RASHMOO S2056-07 DEPHH BAEA RASHMOO RASHMOO S2056-07 DEPHH BAEA RASHMOO S2056-	-NOV-96 27-NOV-96	2
RNSASSO	-DEC-96 13-DEC-96	2
RNSASSO1 RNSASSO1 52680-02 DEP BAEA RNSASSO1 52680-03 DEP BAEA RNSASSO1 RNSASSO1 52680-03 DEP BAEA RNSASNO1 RNSASSO1 52680-01 DEP BAEB RNSASNO1 RNSASNO1 52680-01 DAP BAEB RNSASSO1 RNSASSO1 52680-01 DAP BAEB RNSASSO1 RNSASSO1 52680-01 DAP BAEB RNSASSO1 RNSASSO1 52680-01 DAP BAEB RNSASSO1 526	-DEC-96 13-DEC-96	10
RNSASBOT RNSASBOT 52680-03 DEP BAEA RNSASBOT 878,8802 RNSASBOT 52660-01 DEP BAEB RNSAMOT 878,8902 5266-07 DEP BAEB RNSASSOT 878,8902 5266-07 DEP BAEB RNSASSOT 878,8902 52660-07 DMP BAEA RNSASBOT 878,8902 52660-07 DMP BAEA RNSASBOT 878,8907 52660-07 DMP BAEA RNSASBOT 878,8900-07 DMP BAEB RNSASBOT 878,8900-07 DMP BAEA RNSASBOT 878,8900-07 DMP BAEA RNSASBOT 878,8900-07 DMP BAEA RNSASBOT 878,8900-07 DMP BAEA RNSASBOT 878,8900-07 DMP BAEB	-NOV-96 27-NOV-96	10
NY NY NY NY NY NY NY NY	NOV-96 27-NOV-96	10
RNSMMUC	NOV-96 27-NOV-96	
RNSASSO1 RNSASSO1 52656-05 DEP BAEB RNSASSO1 RNSASSO1 52660-02 DHP BAEA RNSASSO1 RNSASSO1 52660-01 DHP BAEA RNSASSO1 RNSASSO1 52660-01 DHP BAEA RNSASSO1 RNSASSO1 52660-03 DHP BAEA RNSAMANO2 RNSASSO1 52656-07 DHP BAEA	DEC-96 13-DEC-96	
RNSASSOT RNSASSOT 52680-02 DAP BAEA RNSASBOZ RNSASBOZ 52680-01 DAP BAEA RNSASBOT RNSASBOT 52680-03 DAP BAEA RNSASANOZ RNSASANOZ SZSSG-07 DAP BAEB BACARANI PARSARANOZ SZSSG-07 DAP BAEB	DEC-96 13-DEC-96	2 5
RNSASBUZ RNSASBUZ 52680-01 DMP BAEA RNSASBUT RNSASBUT 52680-03 DMP BAEA RNSABAUQ RNSASBUT 52680-03 DMP BAEA RNSABAUT PNSABAUT 52680-07 DMP BAEB	NOV-96 27-MOV-96	25
RNSAB01 RNSAB01 52680-03 Dep BAEA RNSABA02 RNSABA02 52685-07 DEP BAEB BACABAN1 DEFINATION 52685-07 DEP	19-MOV-96 27-MOV-96	25
RNSAMAO RNSAMAO 52856-07 DAP BAEB	NOV-96 27-MOV-96	2 5
PNCARTH BNCART COOK, OF THE COO	DEC-06 13-DEC-06	2 \$
MANAGEM STORES OF THE BAFER	13-per-96 13-per-96	2 \$
RNSWSB01 RNSWSB01 52680-03 DMBP RAFA	MOV-06 27-WOV-06	2 \$
52680-01 DARP RAFA	10-MOV-04-32-MOV-04	

RINSE BLANKS

SW() RISSASO RISSASO S2680-02 DNBP BARE 19-NOV-96 27-NOV-96 10	tractor Method Description	IRDMIS Method Code	IRDMIS Site ID	IRDMIS Field Sample Number	Lab	Test Name	Lot	Sample Date	Analysis Date	v	Value Unit
RISSAMD	S	SMV1	RNSWSS01	RNSWSS01	52680-02	_	BAEA			. ,	_
RISSARD RISSARD SEASO-10 DINP BARE 810-TEC-96 13-DEC-96 RISSARD RISSARD SEASO-10 DINP BARE 19-NOV-96 27-NOV-96 100 RISSARD RISSARD SEASO-10 DINP BARE 19-NOV-96 27-NOV-96 100 RISSARD RISSARD RISSARD SEASO-10 DINP BARE 19-NOV-96 27-NOV-96 100 RISSARD RISSARD RISSARD SEASO-10 DINP BARE 19-NOV-96 27-NOV-96 100 RISSARD RISSARD RISSARD SEASO-10 DINP BARE 19-NOV-96 27-NOV-96 100 RISSARD RISSARD RISSARD SEASO-10 DINP BARE 19-NOV-96 27-NOV-96 100 RISSARD RISSARD RISSARD SEASO-10 DINP BARE 19-NOV-96 27-NOV-96 100 RISSARD RISSARD SEASO-10 DINP BARE 19-NOV-96 27-NOV-96 100 RISSARD RISSARD SEASO-10 RISSARD SEASO-10 RISSARD RISSARD RISSARD SEASO-10 RISSARD RIS	S :		RNSWM02	RNSWM02	52856-07	_	BAEB	_	•	v	_
RISANSBOT RISASSBOT S2680-03 DNOP BAEA 19-NOV-96 27-NOV-96 (10 Nov Patrick) RISASSBOT RISASSBOT S2680-01 DNOP BAEA 19-NOV-96 27-NOV-96 (10 Nov Patrick) RISASSBOT RISASSBOT S2680-01 FANT BAEA 19-NOV-96 27-NOV-96 (10 Nov Patrick) RISASSBOT RISASSBOT RISASSBOT S2680-01 FANT BAEA 19-NOV-96 27-NOV-96 (10 Nov Patrick) RISASSBOT RISASSBOT S2680-01 FANT BAEA 19-NOV-96 27-NOV-96 (10 Nov Patrick) RISASSBOT RISASSBOT S2680-01 FANT BAEA 19-NOV-96 27-NOV-96 (10 Nov Patrick) RISASSBOT RISASSBOT RISASSBOT S2680-01 FANT BAEA 19-NOV-96 27-NOV-96 (10 Nov Patrick) RISASSBOT RISASSBOT RISASSBOT S2680-01 FANT BAEA 19-NOV-96 27-NOV-96 (10 Nov Patrick) RISASSBOT RI	40		RNSWM01	RNSWM01	52856-05		BAEB	_		~	_
RISANSOOT RISANSOOT SCAGO-OZ DINOP BAEA 19-MOV-96 Z7-MOV-96 (19-05-96) RISANSMOOT RISANSMOOT SCAGO-OZ DINOP BAEA 19-MOV-96 Z7-MOV-96 (19-05-96) RISANSMOOT RISANSMOOT SCAGO-OZ FANT BAEA 03-DEC-96 (19-05-96) RISANSMOOT RISANSMOOT SCAGO-OZ FANT BAEA 19-MOV-96 Z7-MOV-96 (19-05-96) RISANSMOOT RISANSMOOT SCAGO-OZ FART BAEA			RNSWSB01	RNSWSB01	52680-03		BAEA			~	_
RISSINGO RISSINGO SEGO-01 DINOP BAEB OF-DEC-96 17-DEC-96 10-DEC-96 10-			RNSWSS01	RNSWSS01	52680-02		BAEA	-		~	
RISSING RISSIMMO RISSIMMO S2856-07 DIOP BAEB 04-DEC-96 13-DEC-96	***		RNSWSB02	RNSWSB02	52680-01		BAEA	•			
RISASSO RISASMANO 52856-05 DNOP RAEB 03-DE-96 13-DE-96 10 RISASSO RISASSO 52860-05 FANT BAEA 19-NOV-96 27-NOV-96 10 RISASMANO RISASMANO 52856-05 FANT BAEB 03-DE-96 10 RISASMANO RISASMANO 52856-05 FANT BAEB 03-DE-96 13-DE-96 10 RISASMANO RISASMANO 52856-05 FANT BAEB 03-DE-96 13-DE-96 10 RISASMANO RISASMANO 52856-05 FANT BAEB 03-DE-96 13-DE-96 10 RISASMANO RISASSO 52860-05 FAREE BAEA 19-0-96 27-NOV-96 10 RISASMANO RISASSO 52860-05 FAREE BAEA 19-0-96 27-NOV-96 10 RISASMANO RISASSO 52860-05 FAREE BAEA 19-0-96 27-NOV-96 10 RISASMANO RISASMANO 52856-05 FAREE BAEA 19-NOV-96 27-NOV-96 10 RISASMANO RISASMANO 52860-01 FAREE BAEA 19-NOV-96 27-NOV-96 10 RISASMANO RISASSO 52860-01 FAREE BAEA 19-NOV-96 27-NOV-96 10 RISASMANO RISASMANO 52860-01 FAREE BAEA 19-NOV-96 10 RISASMANO RISASMANO 52860-01 FAREE 52800-01 FAREE 52800-0			RNSWM02	RNSWW02	52856-07		BAEB	_		v	_
RISSISSOT RISSISSOT RISSISSOT SZ660-03 FANT BAEA 18-NOV-96 27-NOV-96 (RNSWM01	RNSHMO1	52856-05		BAEB	_	•		
RISHAMOO			RNSWSB01	RNSWSB01	52680-03		BAEA		27-NOV-96	_	
RNSARBOZ RNSASBOZ PANSTRANCE SEGO-OT FANT BAER 04-DEC-96 27-NOV-96 C 10 RNSARMOZ RNSARMOZ SEGO-OT FANT BAER 04-DEC-96 13-DEC-96 C 15-DEC-96 C 15-DEC-9			RNSWSS01	RNSWSS01	52680-02		BAEA		27-NOV-96		
RISAMMOD RISAMMOD RISAMMOD S2856-07 FANT BARE BG-DEC-96 13-DEC-96			RNSWSB02	RNSWSB02	52680-01		BAEA		27-NOV-96	~	
RISMAND RISMAND 52856-05 FANT BAEB 03-DEC-96 4 10 RISMAND RISMAND 22860-07 FIRENE BAEA 19-NOV-96 27-NOV-96 4 10 RISMAND RISMAND RISMAND 22856-07 FIRENE BAEA 19-NOV-96 27-NOV-96 4 10 RISMAND RISMAND 22856-07 FIRENE BAEA 19-NOV-96 27-NOV-96 4 10 RISMAND RISMAND 22856-07 FIRENE BAEA 19-NOV-96 27-NOV-96 4 10 RISMAND RISMAND 22856-07 FIRENE BAEB 04-DEC-96 13-DEC-96 4 10 RISMAND RISMAND RISMAND 22856-07 HCBD BAEB 04-DEC-96 13-DEC-96 4 10 RISMAND RISMAND RISMAND 22856-07 HCBD BAEB 04-DEC-96 13-DEC-96 4 10 RISMAND RISMAND 22856-07 HCBD BAEB 04-DEC-96 13-DEC-96 4 10 RISMAND RISMAND 25285-07 HCBD BAEB 04-DEC-96 13-DEC-96 4 10 RISMAND RISMAND 25285-07 HCBD BAEB 04-DEC-96 13-DEC-96 4 10 RISMAND RISMAND 25285-07 HCBD BAEB 04-DEC-96 13-DEC-96 4 10 RISMAND RISMAND 25285-07 HCBD BAEB 04-DEC-96 13-DEC-96 4 10 RISMAND RISMAND 25285-07 HCBD BAEB 04-DEC-96 13-DEC-96 4 10 RISMAND RISMAND 25285-07 HCBD BAEB 04-DEC-96 13-DEC-96 4 10 RISMAND RISMAND 25285-07 HCBD BAEB 04-DEC-96 13-DEC-96 4 10 RISMAND RISMAND 25285-07 HCBD BAEB 04-DEC-96 13-DEC-96 4 10 RISMAND RISMAND 25285-07 HCBD RISMAND 25285-07 HCBD RISMAND RISMAND 25285-07 HCBD RISMAND 25285-07 HCBD RISMAND RISMAND 25285-07 HCBD RISMAND RISMAND 25285-07 HCBD RISMAND 25285-07 HCBD RISMAND RISMAND 25285-07 HCBD RISMAND 25285-07 HCBD RISMAND RISMAND 25285-07 HCBD RISMAND 25285-07 HCBD RISMAND 84EB 04-DEC-96 13-DEC-96 4 10 RISMAND RISMAND RISMAND RISMAND RISMAND RISMAND RISMAND RISMAND 84EB 04-DEC-96 13-DEC-96 4 10 RISMAND RISM			RNSWM02	RNSWW02	52856-07		BAEB			v	
RISMSB01 RISMSB01 S2680-03 FLRENE BAEA 18-NOV-96 27-NOV-96 C			RNSIMM01	RNSWM01	52856-05		BAEB		13-DEC-96	~	
RISMAND2 RISMAND1 52680-07 FIRENE BAEA 19-NOV-96 27-NOV-96 < 10 RISMAND2 RISMAND1 RISMAND1 SE86-05 FIRENE BAEB 03-DEC-96 (13-DEC-96 10 RISMAND1 RISMAND1 RISMAND1 SE86-05 FIRENE BAEB 03-DEC-96 (13-DEC-96 10 RISMAND1 RISMAND1 SE86-07 HEBD BAEA 19-NOV-96 27-NOV-96 < 10 RISMAND1 RISMAND1 SE86-07 HEBD BAEA 19-NOV-96 27-NOV-96 < 10 RISMAND1 RISMAND1 SE86-07 HEBD BAEA 19-NOV-96 27-NOV-96 < 10 RISMAND1 RISMAND1 SE86-07 HEBD BAEA 19-NOV-96 27-NOV-96 < 10 RISMAND1 RISMAND1 SE86-07 HEBD BAEA 19-NOV-96 27-NOV-96 < 10 RISMAND1 RISMAND1 SE86-07 HEBD BAEB 04-DEC-96 13-DEC-96 (10 RISMAND1 RISMAND2 RISMAND2 SE86-07 HEBD BAEB 04-DEC-96 13-DEC-96 < 10 RISMAND1 RISMAND2 RISMAND2 SE86-07 HEBD BAEB 04-DEC-96 13-DEC-96 (10 RISMAND1 RISMAND2 SE86-07 HEBD BAEB 04-DEC-96 13-DEC-96 (10 RISMAND2 RISMAND2 SE86-07 HEBD BAEB 03-DEC-96 (13-DEC-96 (10 RISMAND2 RISMAND2 SE86-07 HEBD BAEB 03-DEC-96 (13-DEC-96 (10 RISMAND2 RISMAND2 RISMAND2 SE86-07 HEBD BAEB 03-DEC-96 (13-DEC-96 (10 RISMAND2 RISMAND2 RISMAND2 SE86-07 HEBD BAEB 03-DEC-96 (13-DEC-96 (10 RISMAND2 RISMAND2 RISMAND2 RISMAND2 RISMAND2 SE86-07 HEBD BAEB 03-DEC-96 (13-DEC-96 (10 RISMAND2 RISMAND2 RISMAND2 RISMAND2 RISMAND2 RISMAND2 RISMAND2 RISMAND3 RISM			RNSWSB01	RNSWSB01	52680-03	FLRENE	BAEA		27-NOV-96	~	
RNSAMBOZ RNSAMBOZ S2680-01 FLRENE BAEA 19-NOV-96 27-NOV-96 10			RNSWSS01	RNSWSS01	52680-02	FLRENE	BAEA	•		~	
RNSMMO1 RNSMMO1 S2856-07 FLRENE BAEB 04-DEC-96 (13-DEC-96 (13-DE			RNSWSB02	RNSWSB02	52680-01		BAEA		27-NOV-96	_	
RISMAND RISMAND S2856-05 FLRENE BAEB 03-DEC-96 13-DEC-96 (17-DEC-96) RISMAND RISMAND S2680-01 HCBD BAEA 19-NOV-96 27-NOV-96 (17-NOV-96) RISMAND RISMAND S2680-02 HCBD BAEA 19-NOV-96 27-NOV-96 (17-NOV-96) RISMAND RISMAND S2856-07 HCBD BAEB 03-DEC-96 110 RISMAND RISMAND S2856-07 HCBD BAEB 03-DEC-96 (17-NOV-96) RISMAND RISMAND S2856-07 HCBP BAEB 03-DEC-96 (17-NOV-96) RISMAND RISMAND S2856-07 HCBP BAEA 19-NOV-96 27-NOV-96 (17-NOV-96) RISMAND RISMAND S2856-07 HCBPR BAEA 19-NOV-96 27-NOV-96 (17-NOV-96) RISMAND RISMAND S2850-07 HCBPR BAEA 19-NOV-96 27-NOV-96 (17-NOV-96) RISMAND SABOL RISMAND S2850-07 HCBPR BAEA 19-NOV-96 27-NOV-96 (17-NOV-96) RISMAND SABOL RISMAND S2850-07 HCBPR BAEA 19-NOV-96 27-NOV-96 (17-NOV-96) RISMAND SABOL RISMAND S2850-07 HCBPR BAEA 19-NOV-96 27-NOV-96 (17-NOV-96) RISMAND SABOL			RNSHMW02	RNSI-MMO2	52856-07		BAEB	04-DEC-96	13-DEC-96	~	
RNSMSB01 RNSMSB01 RNSMSB02 S2680-03 HCBD BAEA 19-NOV-96 10 RNSMSB02 RNSMSB02 RNSMSB02 S2680-01 HCBD BAEA 19-NOV-96 70 RNSMSB01 RNSMSB01 RNSMMN02 S2856-07 HCBD BAEB 03-DEC-96 70 RNSMSB01 RNSMSB01 RNSMSB01 S2860-03 ICDPYR BAEA 19-NOV-96 70 RNSMSB02 RNSMSB02 RNSMSB02 S2860-01 ICDPYR BAEA 19-NOV-96 70 RNSMSB02 RNSMMN01 S2860-01 ICDPYR BAEA 19-NOV-96 70 RNSMSB02 RNSMMN01 S2860-01 ICDPYR BAEA 19-NOV-96 70 RNSMSB02 RNSMMN01 S2856-07 ICDPYR BAEA 19-NOV-96 70 RNSMSB01 RNSMSB02 S2860-01 ICDPYR BAEA 19-NOV-96 70 RNSMSB02 RNSMSB02 S2860-01 ISOPHR BAEA 19-NOV-96 70 RNSMSB01 RNSMSB02 S2860-01 ISOPHR BAEA 19-NOV-96 70			RNS/MMO1	RNSIMMO1	52856-05		BAEB	03-DEC-96	13-DEC-96	v	
RNSMSSO1 RNSMSSO1 S2680-01 HGBD BAEA 19-NOV-96 27-NOV-96 < 10 RNSMRMO2 RNSMRMO1 S2680-02 HGBD BAEB 03-DEC-96 < 10 RNSMRMO1 RNSMRMO1 S2680-03 HGBD BAEB 03-DEC-96 < 10 RNSMRMO1 RNSMSSO1 S2680-03 HGBD BAEB 03-DEC-96 < 10 RNSMSSO1 RNSMSSO1 S2680-03 HGBD BAEB 03-DEC-96 S7-NOV-96 S			RNSWSB01	RNSWSB01	52680-03	HCBD	BAEA	18-NOV-96	27-NOV-96	v	
RNSMSO1 RNSMMO2 RNSMSO1 52680-02 HCBD BAEA 19-NOV-96 27-NOV-96 < 10 RNSMMO1 RNSMMO1 S2856-07 HCBD BAEB 04-DEC-96 < 10 RNSMMO1 RNSMSO1 52680-03 LDPYR BAEA 18-NOV-96 27-NOV-96 < 10 RNSMSO1 RNSMMO1 52680-01 LDPYR BAEA 19-NOV-96 27-NOV-96 < 10 RNSMMO1 RNSMMO1 RNSMMO1 52680-01 LDPYR BAEA 19-NOV-96 27-NOV-96 < 10 RNSMMO1 RNSMMO1 RNSMMO1 52856-07 LDPYR BAEB 03-DEC-96 < 10 RNSMSO1 RNSMSO1 S2856-07 LDPYR BAEB 03-DEC-96 10 RNSMSO1 RNSMSO1 S2680-01 LDPYR BAEB 03-DEC-96 10 RNSMSO1 RNSMSO1 S2680-01 LDPYR BAEB 03-DEC-96 10 RNSMSO1 RNSMSO1 S2680-01 LSDPYR BAEB 03-DEC-96 10 RNSMSO1 RNSMSO1 S2680-01 LSDPHR BAEA 19-NOV-96 27-NOV-96 10 RNSMSO1 RNSMSO1 S2680-01 LSDPHR BAEA 19-NOV-96 27-NOV-96 10 RNSMSO1 RNSMSO1 S2680-01 LSDPHR BAEA 19-NOV-96 27-NOV-96 10 RNSMSO1 RNSMSO1 RNSMSO1 S2680-03 NAP BAEA 19-NOV-96 27-NOV-96 10 RNSMSO1 RNSMSO1 RNSMSO1 S2680-03 NAP BAEA 19-NOV-96 27-NOV-96 10 RNSMSO1 RNSMSO1 RNSMSO1 S2680-03 NAP BAEA 19-NOV-96 27-NOV-96 10 RNSMSO2 RNSMMO2 S2680-01 NAP BAEA 19-NOV-96 27-NOV-96 10 RNSMSO2 RNSMMO2 RNSMMO2 S2680-01 NAP BAEA 19-NOV-96 27-NOV-96 10 RNSMMO2 S2680-03 NAP BAEA 19-NOV-96 27-NOV-96 10 RNSMMO3 S2680-03 NAP SAC S27-NOV-96 10 RNSMMO3 S2080-03 NAP SAC S27-NOV-96 10 RNSMMO3 S2080-03 NAP SAC S27-NOV-96			RNSHSB02	RNSWSB02	52680-01		BAEA	19-NOV-96	27-NOV-96	v	
RNSMMO2 RNSMMO2 S2856-07 HGBD BAEB 04-DEC-96 13-DEC-96 (RNSMSS01	RNSWSS01	52680-02		BAEA	19-NOV-96	27-NOV-96	v	
RNSMSB01 RNSMSB01 S2856-05 HCBD BAEB 03-DEC-96 13-DEC-96 (RNSWW02	RNSWW02	52856-07		BAEB	04-DEC-96	13-DEC-96 •	v	
RNSMSS01 RNSMSS01 S2680-03 ICDPYR BAEA 18-NOV-96 27-NOV-96 < 10 RNSMSS01 RNSMSS01 RNSMSS01 S2680-02 ICDPYR BAEA 19-NOV-96 27-NOV-96 < 10 RNSMSB02 RNSMSB02 S2680-01 ICDPYR BAEA 19-NOV-96 27-NOV-96 < 10 RNSMSB01 RNSMSB01 S2856-07 ICDPYR BAEB 03-DEC-96 13-DEC-96 10 RNSMSB01 RNSMSS01 RNSMSS01 S2680-03 ISOPHR BAEA 19-NOV-96 27-NOV-96 < 10 RNSMSB01 RNSMSS01 S2680-01 ISOPHR BAEA 19-NOV-96 27-NOV-96 < 10 RNSMSB01 RNSMSS01 S2680-01 ISOPHR BAEA 19-NOV-96 27-NOV-96 10 RNSMSB01 RNSMSB01 S2680-03 ISOPHR BAEB 03-DEC-96 10 RNSMSB01 RNSMSB01 S2680-03 ISOPHR BAEB 03-DEC-96 10 RNSMSB01 RNSMSB01 S2680-03 ISOPHR BAEA 19-NOV-96 27-NOV-96 10 RNSMSB01 RNSMSB01 S2680-03 ISOPHR BAEA 19-NOV-96 27-NOV-96 10 RNSMSB01 RNSMSB01 S2680-03 ISOPHR BAEA 19-NOV-96 27-NOV-96 10 RNSMSB02 RNSMSB02 RNSMSB02 RNSMSB02 RNSMSB02 RNSMSB02 RNSMSB03 RN			RNSWW01	RNSWMJ01	52856-05	HCBD	BAEB	03-DEC-96	13-DEC-96 •	v	
RNSMSSO1 RNSMSSO1 S2680-02 ICDPYR BAEA 19-NOV-96 27-NOV-96 < 10 RNSMSB02 RNSMMNO2 RNSMSB02 52680-01 ICDPYR BAEB 04-DEC-96 17-DEC-96 < 10 RNSMSB01 RNSMMNO1 S2856-05 ICDPYR BAEB 04-DEC-96 17-DEC-96 < 10 RNSMSSO1 RNSMSSO1 52680-03 ISDPHR BAEA 19-NOV-96 27-NOV-96 27-NOV			RNSWSB01	RNSWSB01	52680-03	ICOPYR	BAEA	18-NOV-96	27-NOV-96 ·	v	
RNSMSB02 RNSMMNO2 RNSMSB02 S2856-01 ICDPYR BAEA 19-NOV-96 27-NOV-96 < 10 RNSMSB01 RNSMMNO1 S2856-07 ICDPYR BAEB 04-DEC-96 < 10 RNSMSB01 RNSMSB01 S2896-03 ICDPYR BAEA 18-NOV-96 27-NOV-96 < 10 RNSMSB02 RNSMSB02 S2896-03 ICDPHR BAEA 18-NOV-96 27-NOV-96 < 10 RNSMSB02 RNSMSB02 S2896-01 ISOPHR BAEA 19-NOV-96 27-NOV-96 < 10 RNSMSB01 RNSMSB02 S2856-07 ISOPHR BAEA 19-NOV-96 27-NOV-96 < 10 RNSMSB01 RNSMSB01 S2896-03 ISOPHR BAEA 19-NOV-96 27-NOV-96 < 10 RNSMSB01 RNSMSB01 S2896-03 ISOPHR BAEA 19-NOV-96 27-NOV-96 < 10 RNSMSB01 RNSMSB01 S2896-03 IAPP BAEA 19-NOV-96 27-NOV-96 < 10 RNSMSB01 RNSMSB01 S2890-01 IAPP BAEA 19-NOV-96 27-NOV-96 < 10 RNSMSB02 RNSMSB02 S2890-01 IAPP BAEA 19-NOV-96 27-NOV-96 < 10 RNSMSB02 RNSMSB02 S2896-01 IAPP BAEA 19-NOV-96 27-NOV-96 < 10 RNSMSB02 RNSMSB02 S2896-01 IAPP BAEA 19-NOV-96 27-NOV-96 < 10 RNSMSB02 RNSMMJ02 RNSMMJ02 S2896-07 IAPP BAEA 19-NOV-96 27-NOV-96 < 10 RNSMMJ02 RNSMMJ02 S2896-07 IAPP BAEA 19-NOV-96 27-NOV-96 < 10 RNSMSB03 RNSMMJ02 RNSMMJ02 S2896-07 IAPP BAEA 19-NOV-96 27-NOV-96 < 10 RNSMMJ02 RNSMMJ02 RNSMMJ02 S2896-07 IAPP BAEA 19-NOV-96 27-NOV-96 < 10 RNSMSB03 RNSMMJ02 RNSMMJ02 S2896-07 IAPP BAEA 19-NOV-96 27-NOV-96 < 10 RNSMMJ03 RNSMMJ02 RNSMMJ02 S2896-07 IAPP BAEA 19-NOV-96 27-NOV-96 < 10 RNSMMJ03 RNSMMJ03 RNSMMJ03 PS2896-07 IAPP BAEA 19-NOV-96 27-NOV-96 < 10 RNSMSB03 RNSMMJ03 RNSMMJ03 PS2896-07 IAPP BAEA 19-NOV-96 27-NOV-96 < 10 RNSMSB03 RNSMMJ03 RNSMMJ03 PS2896-07 IAPP BAEA 19-NOV-96 27-NOV-96 < 10 RNSMSB03 RNSMMJ03 RNSMMJ03 PS2896-07 IAPP BAEB 04-DEC-96 IAPP BAEA 19-NOV-96 S27-NOV-96 < 10 RNSMSB03 RNSMMJ03 RNSMMJ03 PS2896-07 IAPP BAEB 04-DEC-96 IAPP BAEA 19-NOV-96 S27-NOV-96 < 10 RNSMSB03 RNSMMJ03 RNSMMJ03 PS2896-07 IAPP BAEB 04-DEC-96 IAPP BAEP 04-DEC-96 IAPP BAEA 19-NOV-96 S27-NOV-96 < 10 RNSMSB03 RNSMMJ03 RNSMMJ03 PS2896-07 IAPP BAEP 04-DEC-96 IAPP BAEP 04-DEC-96 IAPP BAEP 04-DEC-96 IAPP BAEP 04-DEC-96 IAPP BAEP IAPP B			RNSWSS01	RNSWSS01	52680-02	ICDPYR	BAEA	19-NOV-96	27-NOV-96	v	
RNSMMO2 RNSMMO2 S2856-07 ICDPYR BAEB 04-DEC-96 13-DEC-96 (10 RNSMMO1 RNSMMO1 S2856-05 ICDPYR BAEB 03-DEC-96 (11 DEC-96 I3-DEC-96 (11 DEC-96 I3-DEC-96 I3-DEC			RNSWSB02	RNSWSB02	52680-01	ICDPYR	BAEA	19-NOV-96	27-NOV-96	v	
RNSMSB01 RNSMSB01 52856-05 ICDPYR BAEB 03-DEC-96 13-DEC-96 (10 RNSMSB01 RNSMSB01 52680-03 ISOPHR BAEA 18-NOV-96 27-NOV-96 (10 RNSMSB02 RNSMSS02 52680-01 ISOPHR BAEA 19-NOV-96 27-NOV-96 (10 RNSMMNO2 RNSMSB02 52680-01 ISOPHR BAEB 04-DEC-96 13-DEC-96 (10 RNSMSB01 RNSMSB01 S2680-03 NAP BAEA 19-NOV-96 27-NOV-96 (10 RNSMSB01 RNSMSB01 52680-03 NAP BAEA 19-NOV-96 27-NOV-96 (10 RNSMSB01 RNSMSB01 52680-03 NAP BAEA 19-NOV-96 27-NOV-96 (10 RNSMSB02 RNSMSB02 S2680-01 NAP BAEA 19-NOV-96 27-NOV-96 (10 RNSMSB02 RNSMSB02 RNSMSB02 S2680-01 NAP BAEA 19-NOV-96 27-NOV-96 (10 RNSMMNO2 RNSMMNO2 52680-01 NAP BAEA 19-NOV-96 27-NOV-96 (10 RNSMMNO2 RNSMMNO2 52680-01 NAP BAEA 19-NOV-96 27-NOV-96 (10 RNSMMNO2 RNSMMNO2 52680-01 NAP BAEB 04-DEC-96 13-DEC-96 (10 RNSMMNO2 RNSMMNO2 52680-01 NAP BAEB 04-DEC-96 (10 RN			RNSHM02	RNSWM02	52856-07	ICDPYR	BAEB	04-DEC-96	13-DEC-96 4	v	
RNSMSB01 RNSMSB01 52680-03 ISOPHR BAEA 18-NOV-96 27-NOV-96 < 10 RNSMSS01 RNSMSS01 52680-01 ISOPHR BAEA 19-NOV-96 27-NOV-96 < 10 RNSMMNO2 RNSMMNO2 52856-07 ISOPHR BAEB 04-DEC-96 10 RNSMMNO1 RNSMMNO1 52856-07 ISOPHR BAEB 03-DEC-96 13-DEC-96			RNSWW01	RNSWM01	52856-05	ICDPYR	BAEB	03-DEC-96	13-DEC-96 4	v	
RNSMSSO1 RNSMSSO1 52680-02 ISOPHR BAEA 19-NOV-96 27-NOV-96 < 10 RNSMRNO2 RNSMRNO2 52680-01 ISOPHR BAEA 19-NOV-96 27-NOV-96 < 10 RNSMRNO1 RNSMRNO1 52856-07 ISOPHR BAEB 04-DEC-96 I3-DEC-96 < 10 RNSMSSO1 RNSMSSO1 52850-03 NAP BAEA 19-NOV-96 27-NOV-96 < 10 RNSMSSO2 RNSMSSO2 52680-03 NAP BAEA 19-NOV-96 27-NOV-96 < 10 RNSMSSO2 RNSMSSO2 52680-01 NAP BAEA 19-NOV-96 27-NOV-96 < 10 RNSMSSO2 RNSMSSO2 52680-01 NAP BAEA 19-NOV-96 27-NOV-96 < 10 RNSMSSO2 RNSMRNO2 52856-07 NAP BAEA 19-NOV-96 27-NOV-96 < 10 RNSMSNO2 RNSMRNO2 52856-07 NAP BAEA 19-NOV-96 27-NOV-96 < 10 RNSMRNO2 RNSMRNO2 52856-07 NAP BAEB 04-DEC-96 13-DEC-96 < 10			RNSWSB01	RNSWSB01	52680-03	1 SOPHR	BAEA	18-NOV-96	27-NOV-96		
RNSMSB02 RNSMSB02 S2680-01 ISOPHR BAEA 19-NOV-96 27-NOV-96 < 10 RNSMM02 RNSMM02 S2856-07 ISOPHR BAEB 04-DEC-96 I3-DEC-96 < 10 RNSMSB01 RNSMSB01 52856-05 ISOPHR BAEB 03-DEC-96 10 RNSMSB01 RNSMSB01 52680-02 NAP BAEA 18-NOV-96 27-NOV-96 < 10 RNSMSB02 RNSMSB02 52680-01 NAP BAEA 19-NOV-96 27-NOV-96 < 10 RNSMSB02 RNSMSB02 52680-01 NAP BAEA 19-NOV-96 27-NOV-96 < 10 RNSMSB02 RNSMM02 52856-07 NAP BAEB 04-DEC-96 13-DEC-96 < 10			RNSWSS01	RNSWSS01	52680-02	ISOPHR	BAEA		27-NOV-96		
RNSMMNO2 RNSMMNO2 52856-07 ISOPHR BAEB 04-DEC-96 13-DEC-96 < 10 RNSMSB01 RNSMSB01 52896-05 ISOPHR BAEB 03-DEC-96 13-DEC-96 < 10 RNSMSB01 RNSMSB01 52680-02 NAP BAEA 18-NOV-96 27-NUV-96 < 10 RNSMSB02 RNSMSB02 52680-01 NAP BAEA 19-NOV-96 27-NUV-96 < 10 RNSMSB02 RNSMSB02 52680-01 NAP BAEA 19-NOV-96 27-NUV-96 < 10 RNSMMNO2 RNSMMNO2 52856-07 NAP BAEB 04-DEC-96 13-DEC-96 < 10			RNSWSB02	RNSWSB02	52680-01	ISOPHR	BAEA		27-NOV-96 •		
RNSMMN01 RNSMM01 52856-05 ISOPHR BAEB 03-DEC-96 13-DEC-96 < 10 RNSMSB01 RNSMSB01 52680-03 MAP BAEA 18-NOV-96 27-NOV-96 < 10 RNSMSS01 RNSMSS01 52680-01 MAP BAEA 19-NOV-96 27-NOV-96 < 10 RNSMSB02 RNSMSB02 52680-01 MAP BAEA 19-NOV-96 27-NOV-96 < 10 RNSMM02 RNSMM02 52856-07 MAP BAEB 04-DEC-96 13-DEC-96 < 10			RNSWW02	RNSHW02	52856-07	ISOPHR	BAEB		13-DEC-96 <	.,	
RNSWSB01 RNSWSB01 52680-03 NAP BAEA 18-NOV-96 27-NOV-96 < 10 RNSWSS01 RNSWSS01 52680-02 NAP BAEA 19-NOV-96 27-NOV-96 < 10 RNSWSB02 RNSWSB02 52680-01 NAP BAEA 19-NOV-96 27-NOV-96 < 10 RNSWMJ02 RNSWMJ02 52856-07 NAP BAEB 04-DEC-96 13-DEC-96 < 10			RNSHMO1	RNSH#101	52856-05	ISOPHR	BAEB		13-DEC-96 <	.,	
RNSMSSO1 RNSMSSO1 52680-02 NAP BAEA 19-NOV-96 27-NOV-96 < 10 RNSMSBO2 52680-01 NAP BAEA 19-NOV-96 27-NOV-96 < 10 RNSMMNO2 52856-07 NAP BAEB 04-DEC-96 13-DEC-96 < 10			RNSWSB01	RNSWSB01	52680-03	NAP	BAEA		27-NOV-96 ×	.,	
RNSWSB02			RNSWSS01	RNSMSS01	52680-02	NAP	BAEA		27-NOV-96 <	.,	
RNSHMH02 RNSHM02 52856-07 NAP BAEB 04-DEC-96 13-DEC-96 < 10			RNSWSB02	RNSWSB02	52680-01	NAP	BAEA	19-NOV-96	27-NOV-96 <	.,	
			RNSWW02	RNSWW02	52856-07	NAP	BAEB	04-DEC-96		.,	

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Contractor Method Description	IRDMIS Method Code	IRDMIS Site ID	IRDMIS Field Sample Number	Leb Number	Test Fee	Lot	Sample Date	Analysis Date	•	Value Ur	Ę
ABB-ES	SHV1	RNS4/SB01	RNSWSB01	52680-03	9	BAEA	18-NOV-96	27-HOV-96		10 UK	
ADD-ES		RMSWSB02	RNSWSB02	52680-01	9	BAEA	19-NOV-96		~	10 UG	l mi
ABB-150		KNSASO1	RNSWSS01	52680-02	2	BAEA	19-NON-96	27-NOV-96	~	5	74
ADD-FC		KNSHAOZ	KNSH-102	52856-07	2	BAEB	S-DEC-8		~	5	74
ARR-FC		N STATE OF	ENSINE OF	22826-05	2	BAEB	03-DEC-96	•	~	1000	nd.
AB-56		CONCENSION	KNSKSEO	52680-03	2	BAEA	18-MOV-96			10 UG	zal
ABB-EC		KNSKSSOT	KNSHSSOI	52680-02	-	BAEA	19-MOV-96		•	10 UG	ni
ADB-EC		KONSTRUCT	KWSWSB02	52680-01	-	M	19-10V-96	••	v	50.00	-
ABD-ES		KNSMENOZ	RNSI-MOZ	25856-07			8-DEC-8	•	v	50.00	74
ABB-66		N STATE OF	KNSKALO	52856-05		BAEB	03-DEC-96	13-DEC-96		10 00	7
ABB-E3		KNSHSB01	RNSWSB01	52680-03		BAEA	18-NOV-96	27-NOV-96		10 00	n e
700 C		RNS4SS01	RNSLSS01	52680-02		MEA	19-NOV-96	27-NOV-96	v	10 116	1
20 - E2		RNS4SB02	RNSL/SB02	52680-01		ME	19-NON-96	27-NOV-96	J	1000	l m
A66 - E3		RINSPINO2	RNSI-FOZ	52856-07		BAEB	94-DEC-98	13-DEC-96		10 16	
A66-E5		RISERIO1	RINSURLO1	52856-05	MOPA	SAEB	03-DEC-96	13-DEC-96		35	ł
A66-E5		RNSI/SB01	RESEASED1	52680-03	ğ	BAEA	18-YOY-96	27-HOV-96		K S	ł
ABB-ES		RNSLSS01	RNSUSS01	52680-02	Ş	BAEA	19-NOV-96	27-NOV-96		3 K	
ABB-ES		RNS#SB02	RNS48802	52680-01	ğ	PE	19-NON-96	27-104-95	, ,	OK SE	J
Agg-ES		RNSLATIO2	RNSI-FAO2	52856-07	Ş		D4-DEC-96	13-DEC-06		JK SE	
ABB-ES		RNSI-MO1	RNSIAMO1	52856-05	ğ		03-DEC-96	13-DEC-96) K	J
A68-E5		RNSUSBO1	RMS4SB01	52680-03	PHANTR		18-NOV-96	27-MOV-94		35	J
AGB-ES		RNSWSB02	RNS4SB02	52680-01	PHANTR	BREA	19-10x-96	27-MOV-96		25	_ د
AGG-ES		RNS4SS01	RESEASO1	52680-02	PHANTR		19-NOV-96	27-MOV-96		25	
ABB-ES		RNSIA LOS	RNSIMMO2	52856-07	PHANTR		94-DEC-96	13-DEC-96		25	
A88-ES		RNSLALOT	RNSI-FLO1	52856-05	PHANTR	BAEB	03-DEC-96	13-DEC-96			
A86-E5		RNSWSB01	RNSIASB01	52680-03		BAEA	18-NOV-96	27-NOV-96		100	
A68-E5		RNS4SS01	RNSLSS01	52680-02	PHENOL	BAEA	19-NOV-96	27-MOV-96		101	
ABB-ES		RNSWSB02	RNSASB02	52680-01		BAEA	19-NON-96	27-HOV-96			ا
22.004		RNSHMOZ	RNSH-102	52856-07		BYEB	24-DEC-96	13-DEC-96	•		١
ABB		RNSHALOT	RNSI-PLO1	52856-05	-	BAEB	33-050-96	13-DEC-96	•	10	۔۔۔ ا
23.89V		RNS4SB01	RNSL/SB01	52680-03		BAEA	18-NOV-96	27-MOV-96			
200-E2		RNS4SS01	RNSLSS01	52680-02		BAEA	19-NON-96	27-NOV-96		5	۔ ا
ABS-ES		RNS4SB02	RNS4/SB02	52680-01		BAEA	9-MON-6	27-MOV-94			
ABB-ES		RNSI-FLO2	RNSI-FLO2	52856-07	_	BAEB	04-DEC-98	13-DEC-04		2	_ د
ABB-ES		RNSIA-101	RWSIAMO1	52856-05			13-PEC-94	-			
A88-E S		RNSLAND1	RNSLA-101	52856-05		RAFR	13-PEC-94			2 .	
A88-ES		RNSI-MO2	RNSI-02	52656-07	, _		K-PEC-98			3	
ABB-ES		RNS44401	RNSLALO1	52856-05	_	BAEB	1. PEC-28	12-050-04		2	
					,		2	ושיים איירן		3	

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stor Method Description	I RDMI S Method Code SNV1 SNV1 SNV1 SNV1 SNV1 SNV1 SNV1 SNV1	Test Name 24618P 24618P 24618P 24618P 24618P 24618P 24618P 24618P	IRDMIS Site ID RNSWSB02 RNSWSS01 RNSWSB01 MW-03-01 MW-08-01 MW-08-01 RNSWMW01	Field Sample Number Number RNSWS801 RNSWS801 RNSWS801 RNSWS801 M030126X M030126X M030120X M080120X M090113X RNSWM01	Lab Number 52680-01 52680-03 52680-03 52680-03 52856-05 52856-05 52856-05 52856-06	Lot BAEA BAEB BAEB BAEB BAEB BAEB BAEB	**************************************	Analysis Date 	%	Value Unit 45 UGL 45 UGL 45 UGL 54 UGL 53 UGL 65 UGL 66 UGL 65 UGL 65 UGL	Percent Recovery 60.0 58.7 70.0 70.0 70.0 80.0 85.3
ABB-ES ABB-ES ABB-ES	SMV1 SMV1	24618P 24618P 24618P ************************************			BAEB-BS1 BAEB-BS1 BAEB-BS2	BAEA BAEB BAEB	10	27-NOV-96 18-DEC-96 18-DEC-96	ያ የ	- - - - - - - - - - - - - - - - - - -	74.7 82.7 90.7 73.8 58.7 90.7
ABB-ES ABB-ES ABB-ES ABB-ES ABB-ES ABB-ES ABB-ES ABB-ES	SMV1 SMV1 SMV1 SMV1 SMV1 SMV1	2 2 2 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	RNSWSBO2 RNSWSSO1 RNSWSBO1 MM-03-01 MM-03-02 MM-09-01 RNSWMMO2	RNSWSBOZ RNSWSBO1 MO30126X MO30222X MO80120X MO90113X RNSWMO1		BAEA 19- BAEB 19- BAEB 04- BAEB 04- BAEB 04- BAEB 04- BAEB 04- BAEA 04- BAEA BAEA 04-	19-NOV-96 2 19-NOV-96 2 14-NOV-96 2 14-NOV-96 2 14-NOV-96 1 03-DEC-96 1 03-DEC-96 1 04-DEC-96 1 04-DEC-96 1 04-DEC-96 1 04-DEC-96 1	27-NOV-96 27-NOV-96 27-NOV-96 13-DEC-96 13-DEC-96 13-DEC-96 13-DEC-96 13-DEC-96 13-DEC-96 27-NOV-96	2222222222	23.25.25.25.25.25.25.25.25.25.25.25.25.25.	625.000.000.000.000.000.000.000.000.000.0
488-ES	SW7	ZFBP ZFBP ********* avg minimum maximum			BAEB-BS1 BAEB-BS2	BAEB BAEB	~ ~	18-DEC-96	20 02		56.0 64.0 55.5 66.0
ABB-ES	SMV1 SMV1	2FP 2FP	RNSWSB02 RNSWSS01	RNSWSB02 RNSWSS01	52680-01 52680-02	BAEA 19-1 BAEA 19-1	19-NOV-96 2	27-NOV-96 27-NOV-96	ĸĸ	50 UGL 56 UGL	7.72

Table: Appendix K
SEMIVOLATILE SURROGATES

Contractor Method Description	IRDHIS Method Code	Ĭ	IRDMIS Site ID	IRDMIS Field Sample Murber	93		Sample Date	Analysis Date	Spike	<u> </u>	į	Perce
ABB-ES	I ANS	2FP	RNSASB01	RHSIASB01		E S	18-10V-9	27-MOV-96	K			9
ABB-ES	SPY	2FP	MA-03-01	M030126X		3	04-DEC-90	13-DEC-96	S K		5 2	16
263-ES	25	2FP	F-63-62	MO30222X		ME	94-DEC-90	13-DEC-96	2 K		d e	2 \$
780-ES	E	269	10-90-01 10-90-01	H080120K		MEB	03-DEC-96	13-DEC-96	:K		12	5 5
AB - FG		4	-00-01	M090113X		3	94-DEC-92	13-DEC-96	ĸ		i 5	313
ABB-ES		7.5		COLUMN TO STATE OF		2	8-0ec-8	13-DEC-96	ĸ		귤	\$
ABB-ES	¥	25.	The same of the sa	A CHARLES	8AEA-RS1	1	8-58C-8	13-DEC-98	ςk		ತ ಚ	5
A58-ES	2	ZFP				3		27-104-96	SK		명 원	82
Abs-Es	E E	4 54			ME-15-	3		18-DEC-96	K.	121	9	38
		*******			_			04-124-01	C		: :	P
									•			EXX
ABB-ES	120	2	PARLERA	Direct sent	E3/80-04	724	2		8			3
Vee- ES	2	50	DISPESSO!	ENSURED !	23/20-02		0-11-0 0-11-0	27-MOV-96	20		ಶ :	3
ABS-ES	2	CO	RUSINSBOT	ENSAISSO1	5260-03	Ş	8-101-8	27-NOV-96	22		a d 23	ર્ ફ
ARB-FS		S	5	M030126X	52856-01	3	X-0EC-8	13-DEC-96	2		ಕಟ	8
ABB-ES	X		36	MO60120K	2266-65 5266-65		8-5-5-5-5-5-5-5-5-5-5-5-5-5-5-5-5-5-5-5	13-0EC-96	88		ಡ ಚ	8
ABSES	SILVI	50	M4-09-01	M090113X	52856-04	2	×-56-8	13-060-98	2		d 2	ėy
ARB-ES		61		Constant of	52056-05	2	13-DEC-96	13-DEC-96	2		l zd	2
ABB-ES	Š		MISSELLE	KINSHINGK	20000-07		X-0EC-8	13-bec-86	21		명	8
A68-ES	SHE'S	500			WEA-182	Ş		27-104-96	25		र्ख र	18 1
A88-ES	E &	2.5			BAEB-BS1	PAED		18-DEC-96	: :2:	12: 12:	9	į
		****			70.00	ĝ		19-DEC-30	8		nd :	8
		in in its										ĸXX
ABR-FS	-	Tomat	2000									į
AB-ES	<u> </u>	1801	RISHSS01	RISHSS01	52600-02	REA	19-104-96	27-HOV-96 27-HTV-96	នន	31	nd 1	8;
A88-ES	A 50	189014 189014	ENSUSBOT	MISHSB01		YEA.	8-NOV-96	27-MOV-96	22	33	d mi	28
}				NOTI OCAL			4-DEC-36	13-DEC-96	02		nd.	8

Table: Appendix K SEMIVOLATILE SURROGATES

Percent Recovery	76.0 56.0 72.0 72.0 72.0 88.0 88.0 88.0 88.0 96.0 96.0	24.00 24.00 24.00 24.00 25.00 26.00	64.7
Value Unit	38 USE 38 USE 38 USE 47 USE 45 USE 48 USE 8 USE 8 USE 8 USE	1.6 UGG 1.3 UGG 1.3 UGG 1.1 UGG 1.4 UGG 1.7 UGG	1.1 066
Spike Value	888888888	งง-งงงงงงงงงงงงงงง พพะพพพพพพพพพพพพพพพพพพ	1.7
Analysis Date	13-DEC-96 13-DEC-96 13-DEC-96 13-DEC-96 27-NOV-96 27-NOV-96 18-DEC-96	16-DEC-96 16-DEC-96 16-DEC-96 16-DEC-96 16-DEC-96 18-DEC-96 18-DEC-96 18-DEC-96 16-DEC-96 16-DEC-96 16-DEC-96 16-DEC-96	16-DEC-96
Sample Date	04-DEC-96 04-DEC-96 04-DEC-96	19-NOV-96 19-NOV-96 19-NOV-96 18-NOV-96 19-NOV-96 19-NOV-96 19-NOV-96 19-NOV-96 19-NOV-96 19-NOV-96 19-NOV-96 19-NOV-96 19-NOV-96 19-NOV-96 18-NOV-96 18-NOV-96	19-NOV-96
Lab Number Lot		52678-01 BSBS 52678-02 BSBS 52678-03 BSBS 52678-04 BSBS 52678-05 BSBS 52678-07 BSBS 52678-09 BSBS 52678-11 BSBS 52678-11 BSBS 52678-12 BSBS 52678-14 BSBS 52678-14 BSBS 52678-15 BSBS 52678-16 BSBS 52678-16 BSBS 52678-17 BSBS 52678-18 BSBS 52678-18 BSBS 52678-18 BSBS 5388-851 BSBS 5388-851 BSBS	52678-01 BSBS 19-NOV-96 16-DEC-96
IRDMIS Field Sample L Number N	82%28 82%28	B080212X 55 BM90112X 55 BM90112X 55 BPH0107X 55 B090412X 55 SEC0101X 55 SEC0101X 55 SEW0101X 55 SW00101X 55 SW00101X 55 SW00101X 55 SW00101X 55 SW00101X 55 SW00101X 55 SW00101X 55 SW00101X 55 SW00112X 55 SW0011	B080112X 52
IRDMIS Site ID		SB-08-02 SB-08-02 SB-08-02 SB-09-04 SS-1E-01 SS-09-01 SS-09-01 SB-09-01 SB-09-01 SB-09-01 SB-09-01 SB-09-01	SB-08-01 E
Test Name	TRP014 TR	24618P	2FBP
IRDMIS Method Code	SAV1	SWV2 SWV2 SWV2 SWV2 SWV2 SWV2 SWV2 SWV2	SMV2
contractor Method Description			
Contractor	ABB-ES ABB-ES ABB-ES ABB-ES ABB-ES ABB-ES ABB-ES ABB-ES ABB-ES	ABB-ES	ABB-ES

Table: Appendix K
SENIVOLATILE SURROGATES

AB - ES AB - E	2482 2482 2482 2482 2482 2482 2482 2482	2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.	8245-00-00-00-00-00-00-00-00-00-00-00-00-00	MODOZIZ MPO0112X MPO0112X MPO0112X MPO0412X MEGO101X SCM0101X MAO102X MODO101X MODO0112X MODO0112X MODO0112X MODO0112X MODO0112X MODO0112X MODO0112X	5883-05 5883-05 5883-05 5883-05 5883-05 5883-05 5883-10 5883-11		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$			200 L C	22 22 23 24 25 25 25 25 25 25 25 25 25 25 25 25 25
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							\$\$\$\$\$\$\$\$\$	20 - 20 - 20 - 20 - 20 - 20 - 20 - 20 -	•		3 K
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							\$\$\$\$\$ \$\$\$\$\$	96-030 -96-030	1.7		
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							25.50 25.50 25.50 25.50	8-5-6-6-8-9-9-9-9-9-9-9-9-9-9-9-9-9-9-9-9-9	1.7		
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							88	%-04C-% 9-04C-% 9-04C-%	: '		8
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		2									5
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ARE-FS			58	2000	10-9/90	-61 5	8	16-DEC-98	5.5	1.7 UGG	98.0
							8-5	6-DEC-98	2.5		2
			_				8-2	6-DEC-96	2.5		3
			_				20-70	70-J-9			33
							8	4-PEr-04			8
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							2	0-DEC-30	5.5		3
							2	8-DEC-98	2.5		68.
						-	2-8	8-DEC-98	2.5		3
						-	8-30	8-DEC-96	2.5		7
						-	8-70	8-DFC-OK	2		3
						•	8-7-	A-her-ok			8;
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	•					-22	8-5	6-DEC-96	5:2		104.0
		1			2	SBS	_	16-DEC-98	2.5		5
		4		-	BSBS-BS5 B	SBS	_	96-030-9	2		3

Table: Appendix K

SEMIVOLATILE SURROGATES

Percent Recovery	64.5 52.0 104.0	58.8 58.8 58.7 58.8	23.83 53.83 53.53	58.8 58.2 54.1 64.7 64.7 68.8	2684 600 600 600 600 600 600 600 600 600 60
Value Unit				. 99 UGG . 92 UGG . 97 UGG . 1.1 UGG . 93 UGG . 83 UGG	1.3 UGG 1.3 UGG 1.1 UGG 1.1 UGG 1.1 UGG 1.1 UGG 1.2 UGG
Spike Value		 			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
Analysis Date			16-DEC-96 16-DEC-96 18-DEC-96 18-DEC-96	18-DEC-96 16-DEC-96 18-DEC-96 16-DEC-96 16-DEC-96 16-DEC-96	16-DEC-96 16-DEC-96 16-DEC-96 16-DEC-96 16-DEC-96 18-DEC-96 18-DEC-96 18-DEC-96
Sample Date	8 8 3 8 8 8	19-NOV-96 19-NOV-96 19-NOV-96 19-NOV-96	18-NOV-96 19-NOV-96 19-NOV-96 19-NOV-96	19-NOV-96 19-NOV-96 19-NOV-96 18-NOV-96	19-NOV-96 19-NOV-96 19-NOV-96 19-NOV-96 18-NOV-96 18-NOV-96 19-NOV-96 19-NOV-96
Ę	:	BSBS BSBS BSBS BSBS	BSBS BSBS BSBS BSBS BSBS BSBS	BSBS BSBS BSBS BSBS BSBS BSBS	BSBS BSBS BSBS BSBS BSBS BSBS BSBS BSB
Lab Number		52678-01 52678-02 52678-03 52678-04 52678-04	52678-06 52678-07 52678-08 52678-09 52678-10	52678-11 52678-12 52678-13 52678-14 52678-14 52678-15 8888-881	52678-01 52678-02 52678-03 52678-04 52678-05 52678-05 52678-00 52678-09 52678-09
IRDMIS Field Sample Number		B080112X B080212X BM90112X BPH0107X	8090412X SLE0101X SLE0201X SCW0101X SWM0102X	S090101X S090201X SM90101X B090112X B090212X	BOB0112X BOB0212X BM90112X BPH0107X BO90312X BO90412X SLE0101X SLE0201X SCW0101X SCW0101X
IRDMIS Site ID	_	SB-08-01 SB-08-02 SB-M9-01 SB-PH-01	SS-LE-01 SS-LE-01 SS-LE-02 SS-CW-01 SS-WW-01	SS-09-01 SS-M9-01 SB-09-01 SB-09-01	SB-08-01 SB-08-02 SB-08-02 SB-09-03 SB-09-03 SB-09-04 SS-LE-01 SS-LE-01 SS-LE-01 SS-WW-01
Test Name	******** avg minimum maximum	NBD5 NBD5 NBD5 NBD5	NBD5 NBD5 NBD5 NBD5 NBD5	NBD5 NBD5 NBD5 NBD5 NBD5 NBD5 NBD5 NBD5	avg minimum maximum maximum TRP014 TRP014 TRP014 TRP014 TRP014
IRDMIS Method Code		SMV2 SMV2 SMV2 SMV2	SMV2 SMV2 SMV2 SMV2	SAV2 SAV2 SAV2 SAV2 SAV2 SAV2	SAV2 SAV2 SAV2 SAV2 SAV2 SAV2 SAV2 SAV2
Contractor Method Description		ABB-ES ABB-ES ABB-ES ABB-ES ABB-ES	ABB-ES ABB-ES ABB-ES ABB-ES	ABB-ES ABB-ES ABB-ES ABB-ES ABB-ES ABB-ES	ABB-ES

SEMIVOLATILE SURROGATES

Percent Recovery	7.3	56.5	2.7	117.6	2.7	64.7	7 02	56.5	117.6
Value Unit	9								
Velue	1.1 UGG	8.	=	14	-	=			
spike Value	1.7	1.7	1.7	1.7	1.7	1.7			
						_			
Analysis Date	-DEC-%	-PEC-98	- <u>PEC-</u> -8	-PEC-38	260-28	-DEC-98			
₹8	8 5	8 5	8 5	8	2	\$			
Sample Date	19-NOV-96 16-DEC-96	-M-61	- 1 2-	18-18-					
Ĕ	SBS	Ses	38 S	Sis	Sess	ŝ			
Lab Munber	52678-12	52678-13	20078-14	52678-15	858S-8S1	1288-188 2			
				<u>×</u>	_				
IRONIS Field Sample Number	S090201X	200	200	2000					
IRDMIS Site ID	9-05	-01	2-01	20-6					
Site						_			
	TRP014	2:	* ;	₫;	± ;	*		1	5
Test Mere	5		2	2		2 !	2	2	Ž
IRDHIS Method Code	SHV2								
Method Description									

VOLATILE SURROGATES

Percent Recovery	8.88 8.88 8.88 8.88	100.00 100.00 100.00 100.00 100.00	110.0 110.0 100.0 100.0 100.0
Value Unit	9.5 ust 9.5 ust 9.5 ust 9.5 ust 9.6 ust	10 06 10 06 10 06 10 06 10 06 10 06	11 46 11 14 10 14
Spike Value	2222	5555	5555
Analysis Date	12-DEC-96 12-DEC-96 14-DEC-96 14-DEC-96	12-DEC-96 12-DEC-96 14-DEC-96 14-DEC-96	12-DEC-96 12-DEC-96 14-DEC-96 14-DEC-96
Sample Date			
	A S S S S S S S S S S S S S S S S S S S	WAFE WAFE	VAFE
Lab	VAFW-BS1 VAFW-BS2 VAFX-BS1 VAFX-BS2	VAFW-BS1 VAFW-BS2 VAFX-BS1 VAFX-BS2	VAFW-BS1 VAFW-BS2 VAFX-BS1 VAFX-BS1 VAFX-BS1
IRDMIS Field Sample Number			
IRDMIS Site ID			
Test Name	12004 12004 12004 12004 ***********************************	48FB 48FB 48FB 48FB ************************************	MEC608 MEC608 MEC608 MEC608 ************************************
IRDMIS Method Code	VMS1 VMS1 VMS1	VMS1 VMS1 VMS1	VAS1 VAS1 VAS1
Contractor Method Description	ABB-ES ABB-ES ABB-ES ABB-ES	ABB-ES ABB-ES ABB-ES	ABB-ES ABB-ES ABB-ES ABB-ES



GRO/DRO VALIDATION REPORT AND DRO CHROMATOGRAMS

GRO/DRO DATA VALIDATION REPORT

DATA VALIDATION REPORT MODIFIED USEPA METHOD 8015A FOR GRO/DRO SITE INSPECTION REPORT FORT ALLEN, JUANA DIAZ, PUERTO RICO

Introduction: The purpose of this report is to summarize data validation procedures and actions for review of data generated using Modified USEPA Method 8015A for gasoline range hydrocarbons (GRO) and diesel range hydrocarbons (DRO).

Holding Times. All analytical data sets were reviewed for compliance to analytical and technical holding times. All analytical samples were extracted and/or analyzed within accepted holding times for both the DRO and GRO analyses.

Sample results in groups 9890-25 and 9890-39, for DRO analysis and, 9890-24 and 9890-32, for GRO analysis, were notated with a V"to indicate that the samples were received at the laboratory with a temperature exceeding the preservation criteria of \leq 4°C. Cooler temperatures ranged from seven degrees to 14°C. This was not interpreted to have had a significant impact on results and no additional qualification of results was conducted.

Initial Calibration. Initial calibrations for the DRO analysis were reviewed for incorporation of the method required calibration levels, minimum Relative Response Factor (RRF) requirements, and Percent Relative Standard Deviation (%RSD) for the RRFs in the initial calibration. All initial calibrations showed utilization of the required calibration levels, RRFs greater than 0.05 and, %RSD values <20%.

Initial calibrations for the GRO analysis were reviewed for incorporation of the method required calibration levels, minimum Relative Response Factor (RRF) requirements, and Percent Relative Standard Deviation (%RSD) for the RRFs in the initial calibration. All initial calibrations showed utilization of the required calibration levels, RRFs greater than 0.05 and, %RSD values <20%.

Continuing Calibration. Continuing calibrations were analyzed for the DRO analysis at the mid-point level of 2500 µg/mL. All continuing calibrations were ≤ 15% Difference.

Continuing calibrations were analyzed for the GRO analysis at the mid-point level of 200 μ g/L. All continuing calibrations were \leq 15% Difference.

Method Blank. Method blanks were analyzed for both the DRO and GRO methods after the initial or continuing calibration standards run and, prior to the analysis of samples. All method blanks analyzed were less than the reporting limits for any target compounds in both the DRO and GRO analyses.

Surrogate Spikes. All samples analyzed for DRO were spiked with σ -Terphenyl at a final concentration of 20 μ g/mL prior to the extraction step of the method. The surrogate recoveries for all samples analyzed were within laboratory generated control limits, except for sample SS-M9-01(052678-0013-SA). The surrogate recovery for this sample was less than laboratory generated control limits. This sample was diluted 1:10 prior to analysis to bring the quantitation concentration within the calibration range of the instrument. No additional qualification of results is recommended due to the level of dilution.

All samples analyzed for GRO were spiked with 1-Chloro-4-fluorobenzene, Internal Standard (IS) and, α,α,α -Trifluorotoluene (TFT) surrogate at a concentration of 30 μ g/L prior to analysis. The surrogate recoveries for all samples analyzed were within method acceptance criteria.

Matrix Spikes/Matrix Spike Duplicates. Samples submitted were not specified for analysis of Matrix Spike/Matrix Spike Duplicates (MS/MSD). Samples were selected, by the laboratory for MS/MSD analysis for DRO. Three water samples MW-03-10(052856-001-SA), RNSW-SB-02(052680-0001-RB) and, WW#2(052614-0001-SA), were selected for MS/MSD analysis. All sample sets selected for MS/MSD analysis were within laboratory generated control limits for percent recovery and Relative Percent Difference (RPD).

GRO samples submitted were not specified for analysis of MS/MSD. However, samples were selected by the laboratory for MS/MSD analysis for GRO. Three water samples MW-03-01(052856-0002-SA), RNSW-SB-02(052680-0001-RB) and, WW#2(052614-0001-SA) and, one soil matrix, SB-08-02(052678-0001-SA) were selected for MS/MSD analysis. All water samples selected for MS/MSD analysis were within laboratory generated control limits for percent recovery and RPD. Soil sample SB-08-01(052678-0001-SA) had MS/MSD recoveries outside laboratory generated control limits for percent recovery of 60% to 140%. RPDs were within the RPD control limit of 20. The percent recovery for the MS was 59%, the MSD percent recovery was 51%. These results indicate that the soil GRO results are estimated values with a possible low bias, however, results are usable with qualification.

Laboratory Control Samples. Laboratory Control Samples (LCSs) were prepared and analyzed as Duplicate Control Samples (DCS) for the DRO method. DCSs are prepared as natural matrix spike samples. Laboratory generated control limits are established at ± 44% RPD. DCS RPD results were all within laboratory generated control limits.

LCSs were analyzed after initial or continuing calibrations and prior to the analysis of method blanks and samples for GRO. All LCSs analyzed were within acceptance criteria for GRO analysis.

Overall Assessment. Data presented from the analysis of DRO was of an overall good quality. There were no technical or quantitative problems with the data. The sample temperature issue discussed in Section 3.2 does not affect the overall quality and usability

of the data package. ABB-ES does not recommend or require any new notations or changes to the data.

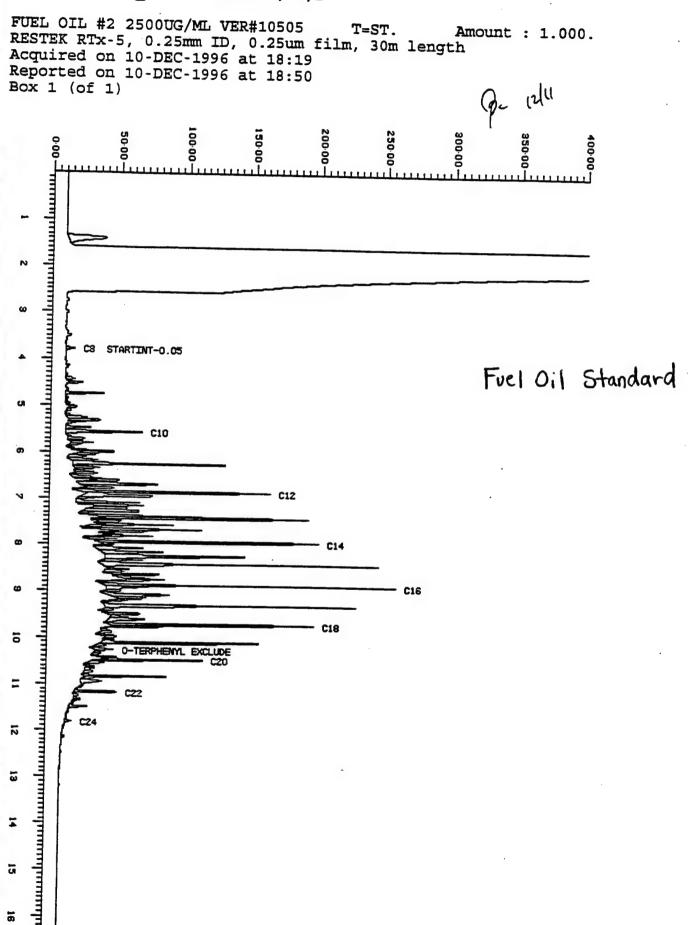
Data presented from the analysis of GRO was of an overall good quality. There were no technical or quantitative problems with the data. The sample temperature issue discussed in Section 3.2 does not affect the overall quality and usability of the data package. ABB-ES does not recommend or require any new notations or changes to the data.

DRO CHROMATOGRAMS

ABB Environmental Services, Inc.

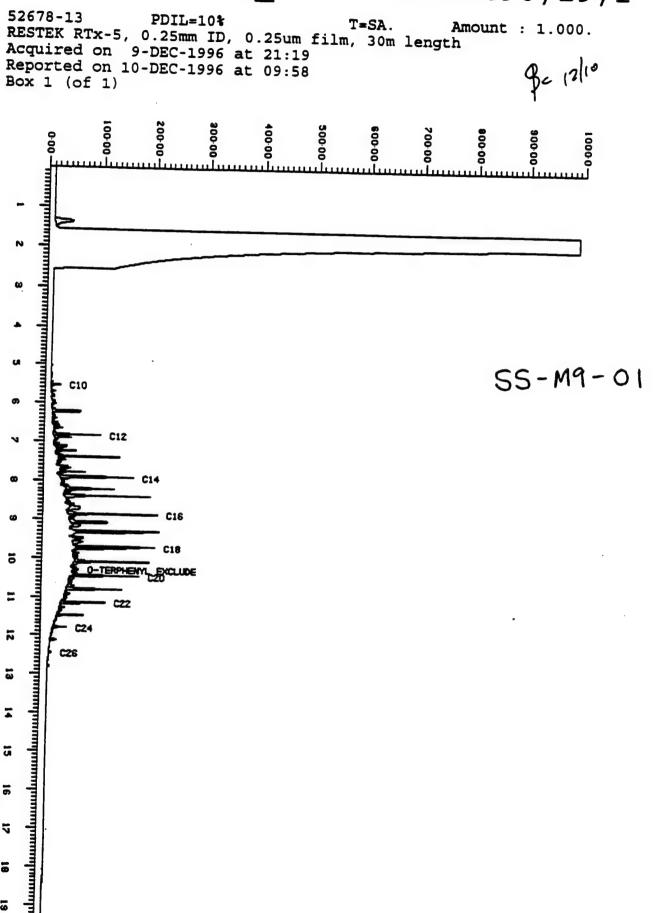
W001976APP 9890-05

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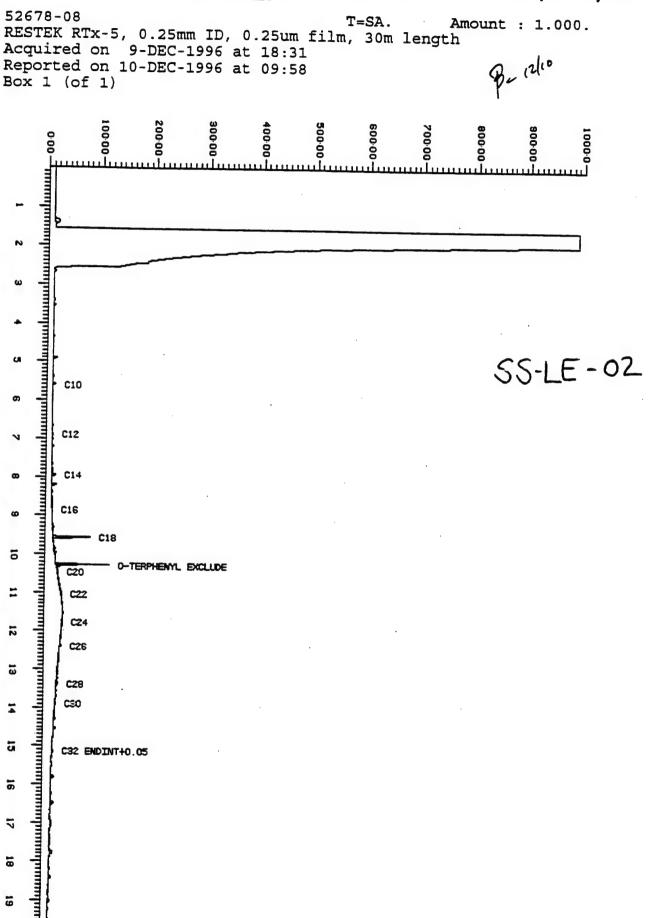


Quanterra Denver Multichrom V2.1

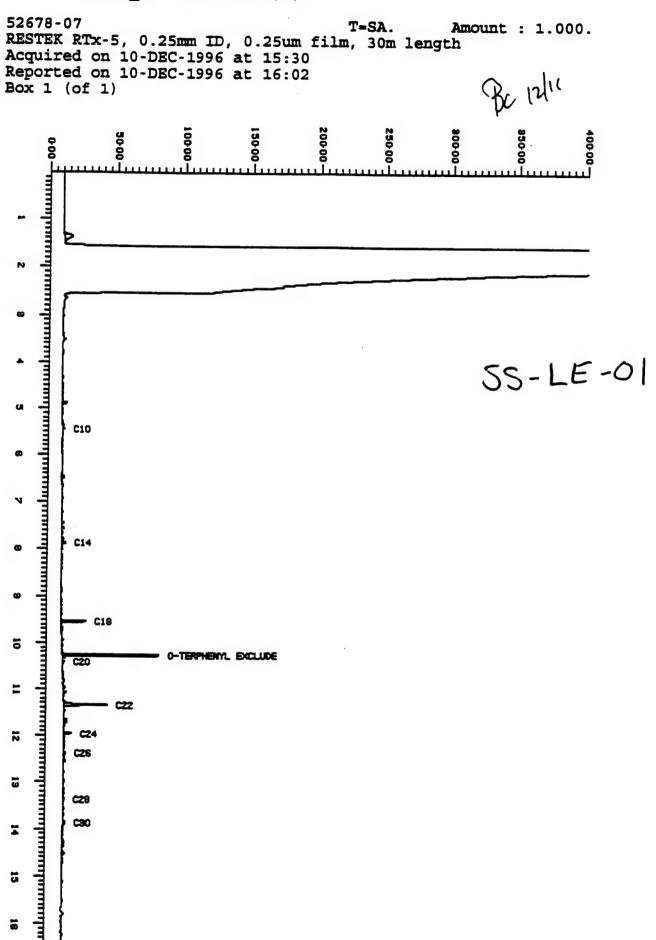
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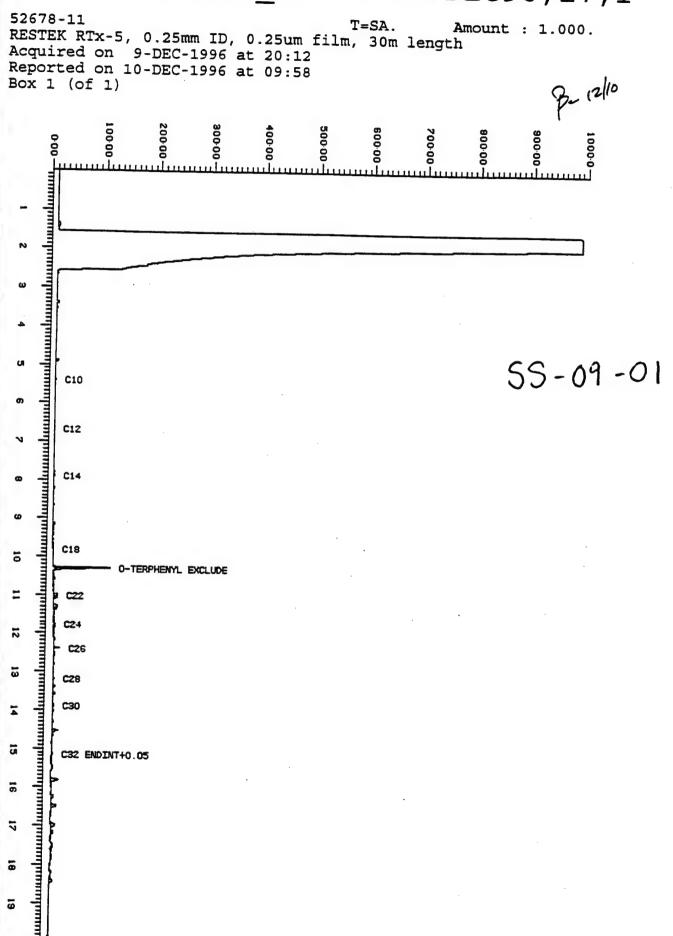
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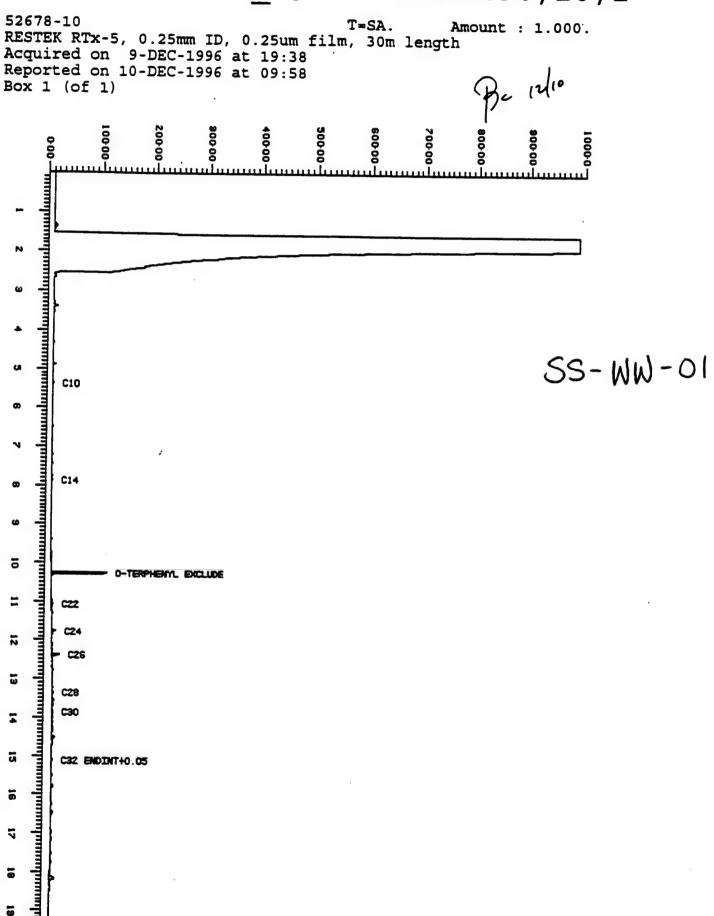
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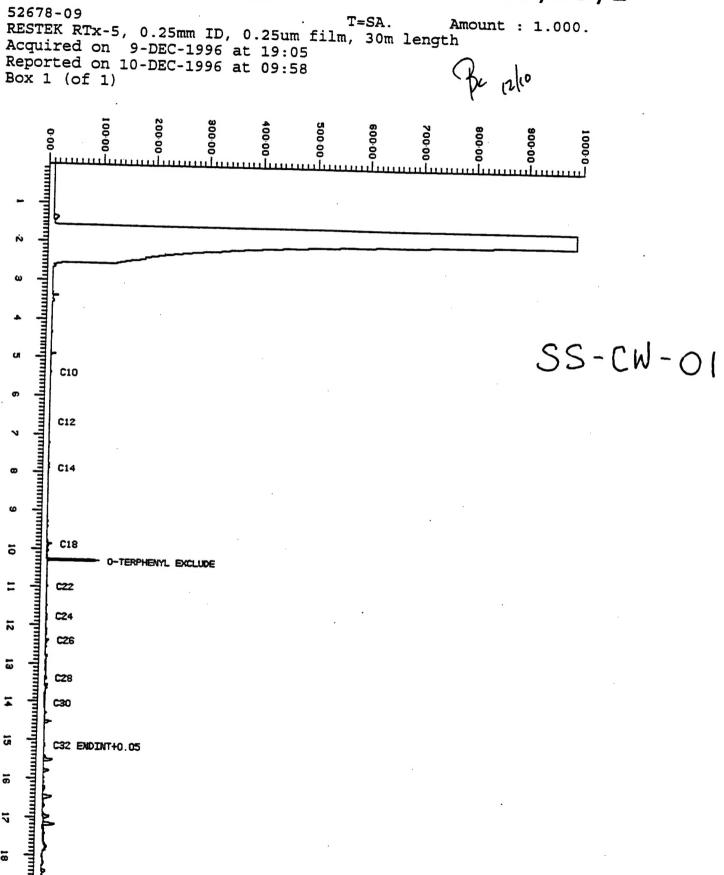
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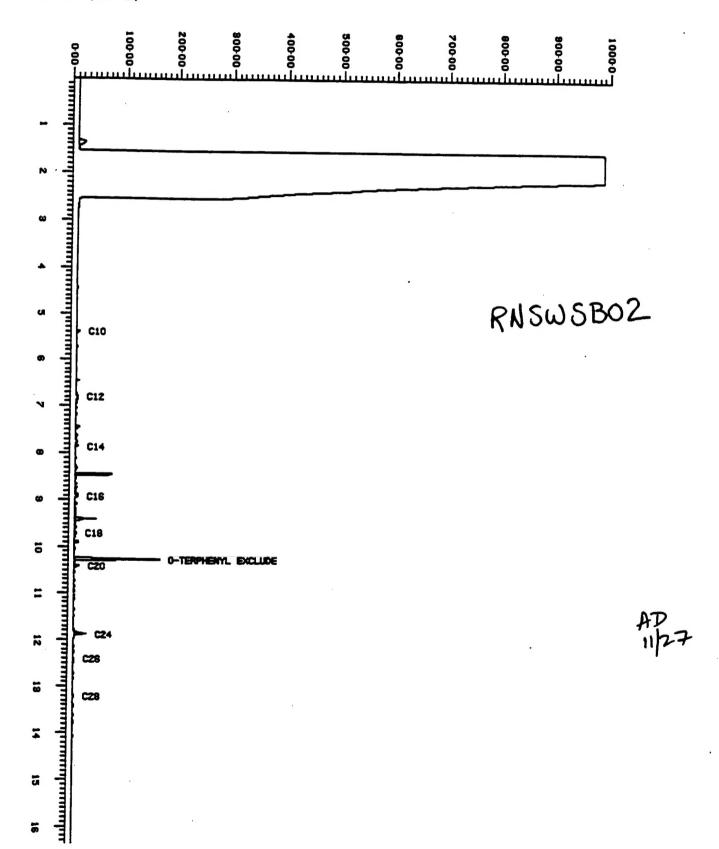


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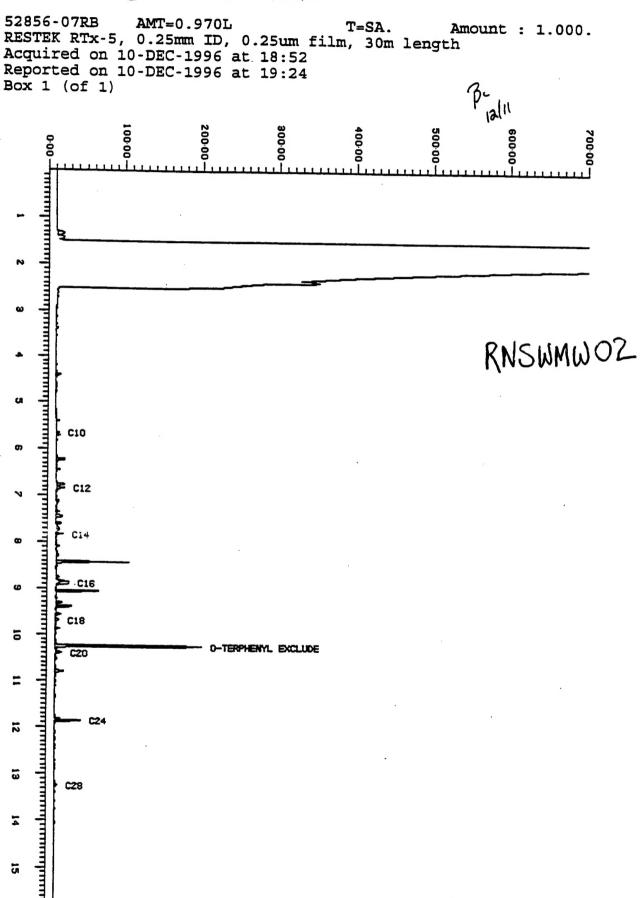


[FID11_4] 75 Z26NOV96,9,1

52680-01 AMT=0.94L PDIL=100% T=SA. Amount: 1.000. RESTEK RTx-5, 0.25mm ID, 0.25mm film, 30m length Acquired on 26-NOV-1996 at 12:33 Reported on 26-NOV-1996 at 13:04 Box 1 (of 1)



[FID12_2] 75 Z10DEC96,15,1



[FID12_2] 75 Z10DEC96,11,1

52856-02 AMT=0.855L T=SA. Amount: 1.000. RESTEK RTx-5, 0.25mm ID, 0.25mm film, 30m length Acquired on 10-DEC-1996 at 16:38 Reported on 10-DEC-1996 at 17:10 Box 1 (of 1)

